Material Safety Data Sheet

1. Chemical Product and Company Ider	tification
가. Trade Name	JA-210(Resin)
General Use	Epoxy adhesive sandpaper
Manufacturer	Jeil Chemical Co., Ltd.
	38-16. Hoehak 3-gil, Onsan-Eup, Ulju-Gun, Ulsan, South Korea
	052-227-5003
2. Hazards Identification	
a. Hazards Classification and Statements	Acute. Tox. : Category 4
	Skin Irrit. : Category 2
	Eye Irrit. : Category 2
	Skin Sens. : Category 1
	Carcinogenicity : Category1A
	STOT Rep. : Category 1
	Aquatic Chronic : Category 2
b. Hazards Description:	
Pictogram	
\sim	
Signal word	DANGER
Hazards Classification and Statements	H302 May be harmful if swallowed
	H315 Causes skin irritation
	H317 May cause an allergic skin reaction
	H319 Causes serious eye irritation
	H370 Causes damage to organs
	H372 Causes damage to organs through prolonged or repeated exposure
	H411 Toxic to aquatic life with long lasting effects
Prevention precautionary statements	
	P201 Obtain special instructions before use.
	P202 Do not handle until all safety precautions have been read and understood.
	P260 Do not breathe dust/fume/gas/mist/vapours/spray.
	P261 Avoid breathing dust/fume/gas/mist/vapours/spray
	P264 Washthoroughly after handling
	P270 Do not eat, drink or smoke when using this product.
	P272 Contaminated work clothing should not be allowed out of the workplace.
	P273 Avoid release to the environment.
	P280 Washthoroughly after handling
	P281 Use personal protective equipment as required.
Response precautionary statements	P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P302+P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue rinsing.
	P307+P311 IF exposed: Call a POISON CENTER or doctor/physician.
	P308+P313 IF exposed or concerned:Get medical advice/attention.
	P314 Get medical advice/attention if you feel unwell.
	P321 Specific treatment (see on this label).
	P330 Rinse mouth.
	P332+P313 If skin irritation occurs: Get medical advice/attention.
	P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
	P337+P313 If eye irritation persists: Get medical advice/attention.
	P362 Take off contaminated clothing and wash before reuse.
	P363 Wash contaminated clothing before reuse. P391 Collect spillage.
	i oar oolled spillage.

Storage precautionary statements	P405Store locked up		
Disposal precautionary statements:	P501 Dispose of contents/container in accorregulation (to be specified).	ordance with local/regic	nal/national/international
다. Other harmful or danger characteristic (NFPA)			
QUARTZ (SiO2)			
Health hazard	1		
Fire	0		
Reactivity Hazard	0		
BISPHENOL A-EPICHLOROHYDRIN RESIN			
Health hazard	2		
Fire	1		
Reactivity Hazard Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar O Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]			
Health hazard	No Data		
Fire	No Data		
Reactivity Hazard	No Data		
3. COMPOSITION/INFORMATION ON ING			
Comp	onent	CAS NO.	Amount(%)
QUARTZ	(SiO2)	14808-60-7	30~35
BISPHENOL A-EPICHL	OROHYDRIN RESIN	25068-38-6	35~50
Extract Residues (Coal), Tar Oil Alk., Carbor Obtained By Treatment Of Coal Tar Oil Alkal Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	ine Extract With Co2 And Cao. Composed	90641-06-8	30~35
4. First aid measures			
a. Eye contact	Flush eyes with plenty of water for at least	15 minutes while holding	g eyelids open.
	Consult a physician if signs of irritation app	ear.	
b. Skin contact	Immediately remove contaminated clothing least 15 minutes. Use soap if readily availat water. Do not reuse clothing until thoroughly	ole, or follow by thoroug	
c. Inhalation	Move person to fresh air area and provide on physician if effects occur.	oxygen if breathing is di	fficult. Consult a
d. Ingestion	Do not induce vomiting because of risk of a physician if effects occur.	spiration. Rinse mouth	with water. Consult a
5. Fire fighting measures			
Flash point	254.4		
Hazardous products of Combustion	In case of fire, toxic fumes might be formed	ł	
Extinguishing media	Water spray, foam, dry chemical, or carbon	dioxide	
Unusual fire or explosion Hazards	May produce hazardous fumes of hazardou	s decomposition produ	cts
Special fire fighting Procedures	When fire fighting, wear full protective equip	oment including self-co	ntained breathing
6. Accidental release measures			
Personal precautions	Put on adequate protective equip	ment. See section 8, E>	posure control/
		al Protection	
Environmental precautions Clean-up Method			
	with applicable local regulations.		
7. Handling and storage			
a. Storage	Keep away from: acids, alkalis, oxidizers. K in closed containers. Store in steel container above ground, and surrounded by dikes to	ers preferably located o	utdoors,
	temperatures during storage. Do not store in		-

b. Handling

may partially freeze with extended exposure to cold temperatures.

When handling, do not eat, drink, or smoke. Avoid contact with eyes. Avoid contact with skin. Spraying increases the risk of hazardous exposure. In atmospheres where the material is sprayed, workers should avoid contact with aerosols containing S through proper engineering controls, such as exhaust ventilation. Wear goggles and face shield. Do not get into the eyes. Other individuals working in the vicinity of the product where exposure can occur should also be fitted with chemical splash goggles. Contaminated clothing should be properly disposed of in a manner that will not cause additional exposure. Workers should be strongly encouraged to follow good personal hygiene practices, such as thorough washing of hands, arms, neck and face following working with HOC-701.

8. Exposure controls/personal protection

a. Exposure Limits	
National regulations	
QUARTZ (SiO2)	TWA - 0.05mg/m3
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
ACGIH regulations	
	TWA 0.025 mg/m ³
BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Biological exposure limits	No Data No Data
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
b. Suitable Engleering Management	Use process isolation, local ventilation or other engieering management to maintain air quality under exposure limits. Set wash up facilities and safe shower system, where storage or use of this material.
c. Personal protector	
Eve protection	Safety glasses with side shields.
Hands protection	Chemical resistant gloves.
Skin and body protection	Chemical resistant protective suit. Chemicals resistant boots.
Respiratory protection	Never exceed the national Occupational Exposure Limit. Use local. Exhaust ventilation or handle in a ventilated enclosure. For greater protection a face piece chemical cartridge respirator is recommended.

9. Physical and chemical properties

1. Appearance	
Туре	Liquid
Color	Natural
2. Odor	No Data
3. Odour threshold	No Data
4. pH	No Data
5. Melting Point/Freezing Point	No Data
6. Boiling Point	No Data
7. Flash Point	No Data
8. Evaporation Rate	No Data
9. Flammability	No Data
10. Flammable Limits	No Data
11. Vapor Pressure	No Data

12. Solubility in WATER	No Data
13. Vapor density(water=1)	No Data
14. Density	1.68~1.78
15. n-Octanol/Water Partition coefficient	No Data
16. Autoignition Temperature	No Data
17. Decomposition Temperature	No Data
	30,000~50,000cps(at 40℃)
	No Data
-	
10. Stability and reactivity	
Conditions to avoid	Can react strongly with epoxy resins at elevated temperature
Materials to avoid	Acids, amines, bases, oxidizing agents
Hazardous reaction	Hazardous polymerization does not occur by itself
Decomposition temperature	Not available
	Hazardous decomposition products are not expected to form during normal storage
11. Toxicological information	
a. Information on the likely routes of exposure	
	No Data
	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
BISH HENCE A EFICILEO ION DAINA HESIN	Causes skin initiation, may cause an aneigic skin reaction, Gauses senous eye initiation.
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
b. Acute Toxicity Data	
Acute toxic	
Oral	
	No Data
	LD50 > 1000 mg/kg Rat
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Dermal	No Data
	Na Data
	No Data
	LD50 > 20000 mg/kg Rabbit
Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
Inhalation	
	No Data
	No Data
Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Skin Corrosion/Irritation	No Data
QUARTZ (SIO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Serious Eye Damage/Irritation	No Data

	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Respiratory sensitization	
QUARTZ (SIO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Skin sensitization	
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	R43
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Coa. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Carcinogenicity	No Data
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] IARC	No Data
QUARTZ (SiO2)	Group 1 (Silica, crystalline (inhaled in the form of quartz or cristobalite from occupational
QUARTZ (SiO2)	sources))
	sources)) No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	sources)) No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA	sources)) No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	sources)) No Data No Data No Data No Data
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH	sources)) No Data No Data No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2)	Sources)) No Data No Data No Data No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oi Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN	sources)) No Data No Data No Data No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2)	sources)) No Data No Data No Data No Data No Data No Data
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	sources)) No Data No Data No Data No Data No Data No Data
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] NTP	sources)) No Data No Data No Data No Data No Data No Data No Data
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] OSHA QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] ACGIH QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] NTP QUARTZ (SIO2)	sources)) No Data No Data No Data No Data No Data No Data K (Silica, Crystalline (Respirable Size)) No Data No Data

QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Carbonated, Limed: Crude Phenobs: [The Product Oblance By Treatment Of Coal Ta Ol Alkaline Extract With Co2 And Cao. Composed Primarily Of Caos. Ca(6)D/2, Na2Co3 And Other Organic And Inorganic Impurities.] No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Product Oblance By Treatment Of Coal Ta Ol Alkaline Extract With Co2 And Cao. Composed Primarily Of Caos. Ca(6)D/2, Na2Co3 And Other Organic And Inorganic Impurities.] No Data Extract Residues (Coal), Tar Oll Alk., Carbonated, Limed: Crude Phenols: [The Product Oblance By Treatment Of Coal Ta Ol Alkaline Extract With Co2 And Cao. Composed Primarily Of Caos. Ca(6)D/2, Na2Co3 And Other Organic And Inorganic Impurities.] No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Chroroganic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data				
Extract Residues (Coal), Tar Oli Alk No Data Carbonated, Limed: Crude Phenois: [The Product Obtained By Trastment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primariy Of Caed3, Ca(ON), Na2C03 And Other Organic And Inorganic Imputities.] No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk No Data Product Obtained By Trastment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primariy Of Caec3, Ca(ON), Ra2C03 And Other Organic And Inorganic Imputities.] No Data Reproductive toxicity No Data QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Trastment Of Coal Tar Oli Alkaline Extract Nith Co2 And Cao. Composed Primarity Of Caec3, Ca(ON)2, Na2Co3 And Other Organic And Inorganic Imputities.] No Data Specific target organ toxicity (inpeeted exposure): QUARTZ (SIC2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data	(QUARTZ (SiO2)	No	Data
Carbonated, Limed: Crude Phenols: [The Product Oblained By Treatment Of Coal Tar Ol Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(ON), Na2Co3 And Other Organic And Inorganic Imputities.] Germ Cell Mutagenicity QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Carbonated, Limed: Crude Phenols: [The Product Oblained By Treatment Of Coal Tar Ol Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(ON), Na2Co3 And Other Organic And Inorganic Imputities.] Reproductive toxicity QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oll Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(ON)2, Na2Co3 And Other Organic And Inorganic Imputities.] Specific target organ toxicity (repeated exposure): QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data Extract Residues (Coal), Tar Oll Alk. No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk. No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oll Alkaline Extract With Co2 And Ca	1	BISPHENOL A-EPICHLOROHYDRIN RESIN	No	Data
BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Reproductive toxicity QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data Extract Residues (Coal), Tar Oli Alk, No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHEN		Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No	Data
Extract Residues (Coal), Tar Oll Alk, No Data Carbonated, Limed: Crude Prenois: [The Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Cacao3, Ca(Obt2, Na2Co3 And Other Organic And Inorganic Impurities.] Reproductive toxicity QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data Extract Residues (Coal), Tar Oll Alk, No Data Dispretion (Crude Prenois: [The Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Cacao3, Ca(Obt2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data Extract Residue	(No	Data
Extract Residues (Coal), Tar Oll Alk, No Data Carbonated, Limed: Crude Prenois: [The Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Cacao3, Ca(Obt2, Na2Co3 And Other Organic And Inorganic Impurities.] Reproductive toxicity QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data Extract Residues (Coal), Tar Oll Alk, No Data Dispretion (Crude Prenois: [The Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Cacao3, Ca(Obt2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk, No Data Extract Residue			No	Data
Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Reproductive toxicity QUARTZ (SiO2) No Data BISPHENOL A -EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A -EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICH			110	Data
QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oli Alk.,No DataCarbonated, Limed: Crude Phenols: [TheProduct Obtained By Treatment Of Coal Tar OliAikaline Extract With Co2 And Cao, ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.]Specific target organ toxicity (single exposure):QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oli Alk.,No DataCrabonated, Limed: Crude Phenols: [TheProduct Obtained By Treatment Of Coal Tar OliArkaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.]Specific target organ toxicity (repeated exposure):QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataCuto Otaland By Treatment Of Coal Tar OliAkaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndNo DataOther Organic And Inorganic Impurities.]No DataAspiration hazardNo DataQUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataAspiration hazardNo DataQUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICH	(Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No	Data
BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Arklaine Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Arkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Arkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN	(No	Data
Extract Residues (Coal), Tar Oli Alk.,No DataCarbonated, Limed: Crude Phenols: [TheProduct Otalined By Treatment Of Coal Tar OliAikaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.]Specific target organ toxicity (single exposure):QUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oli Alk.,No DataCarbonated, Limed: Crude Phenols: [TheNo DataProduct Obtained By Treatment Of Coal Tar OliAklaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndNo DataOther Organic And Inorganic Impurities.]Specific target organ toxicity (repeated exposure):QUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oli Alk.,No DataCarbonated, Limed: Crude Phenols: [TheProduct Obtained By Treatment Of Coal Tar OliArkaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.]No DataAspiration hazardNo DataQUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataItarattart With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.] <td></td> <td></td> <td></td> <td></td>				
Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (single exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazard QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/# 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/# 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/# 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract Wi				
QUARTZ (SIO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And No Data Other Organic And Inorganic Impurities.] No Data Aspiration hazard No Data QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]		Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	No	Data
BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oll Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk., No Data Carbonated, Limed: Crude Phenols: [The No Data Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Akaline Extract With Co2 And Cao. Composed No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oll Alk., No Data Carbonated, Limed: Crude Phenols: [The No Data Product Obtained By Treatment Of Coal Tar Oll Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] <		Specific target organ toxicity (single expo	sure	e):
Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SiO2) No Data BISPHENOL A - EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The No Data Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazard No Data QUARTZ (SiO2) No Data BISPHENOL A - EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The No Data Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] 12. Environmental Information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SiO2)	(QUARTZ (SiO2)	No	Data
Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Specific target organ toxicity (repeated exposure): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazard QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oli Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] 12. Environmental Information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ <i>k</i> 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ <i>k</i> 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ <i>k</i> 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ <i>k</i> 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ <i>k</i> 96 hr Oryzias latipes Extract Residues (Coal), Tar Oli Alk., No Da	I	BISPHENOL A-EPICHLOROHYDRIN RESIN	No	Data
QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazardNo DataQUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No Data12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Na OataExtract Residues (Coal), Caub Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alka	(Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	No	Data
BISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazardNo DataQUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataBISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No Data12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINLC50 1.41 mg/l 96 hr Oryzias latipesExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]BISPHENOL A-EPICHLOROHYDRIN RESINLC50 1.41 mg/l 96 hr Oryzias latipesExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]Water flea toxicity (Acute): QUARTZ (SiO2)No Data		Specific target organ toxicity (repeated ex	pos	sure):
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazardNo DataQUARTZ (SiO2)No DataQUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Akaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No Data12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): Catoonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Akaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No DataWater flea toxicity (Acute): Water flea toxicity (Acute): QUARTZ (SiO2)No DataWater flea toxicity (Acute): Water flea toxicity (Acute):No DataQUARTZ (SiO2)No Data	(QUARTZ (SIO2)	No	Data
Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Aspiration hazard QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] 12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/ℓ 96 hr Oryzias latipes Extract Residues (Coal), Tar Oil Alk., No Data Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SiO2) No Data	I	BISPHENOL A-EPICHLOROHYDRIN RESIN	No	Data
BISPHENOL A-EPICHLOROHYDRIN RESINNo DataExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No Data12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] water flea toxicity (Acute): QUARTZ (SiO2)No DataQUARTZ (SiO2)No Data		Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No	Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]No Data12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SIO2)No DataQUARTZ (SiO2)No Data	(QUARTZ (SIO2)	No	Data
Carbonated, Limed: Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]12. Environmental information a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SIO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SIO2)No DataQUARTZ (SiO2)No Data	I	BISPHENOL A-EPICHLOROHYDRIN RESIN	No	Data
a. Aquatic and terrestrial ecotoxicity: Fish toxicity (Acute): QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN LC50 1.41 mg/l 96 hr Oryzias latipes Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SiO2) No Data		Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	No	Data
Fish toxicity (Acute):No DataQUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINLC50 1.41 mg/l 96 hr Oryzias latipesExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SiO2)No Data		12. Environmental information		
QUARTZ (SiO2)No DataBISPHENOL A-EPICHLOROHYDRIN RESINLC50 1.41 mg/l 96 hr Oryzias latipesExtract Residues (Coal), Tar Oil Alk.,No DataCarbonated, Limed: Crude Phenols: [TheProduct Obtained By Treatment Of Coal Tar OilProduct Obtained By Treatment Of Coal Tar OilAlkaline Extract With Co2 And Cao. ComposedPrimarily Of Caco3, Ca(Oh)2, Na2Co3 AndOther Organic And Inorganic Impurities.]Water flea toxicity (Acute):No DataQUARTZ (SiO2)No Data				
BISPHENOL A - EPICHLOROHYDRIN RESINLC50 1.41 mg/l 96 hr Oryzias latipesExtract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SiO2)No Data	(No	Data
Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Water flea toxicity (Acute): QUARTZ (SiO2) No Data				
		Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]		
BISPHENOL A-EPICHLOROHYDRIN RESIN EC50 1.7 mg/l 48 hr	(QUARTZ (SiO2)	No	Data
	I	BISPHENOL A-EPICHLOROHYDRIN RESIN	EC	50 1.7 mg/l 48 hr

Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Birds growth hinderance test (Acute): QUARTZ (SiO2) No Data **BISPHENOL A-EPICHLOROHYDRIN RESIN** No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] b. Persistence and degradability: Persistence: QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN log Kow 2.821 Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] Degradability: No Data QUARTZ (SiO2) **BISPHENOL A-EPICHLOROHYDRIN RESIN** No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] c. Bioaccumulative potential: condenasability QUARTZ (SiO2) No Data **BISPHENOL A-EPICHLOROHYDRIN RESIN** BCE 0.56 ~ 0.67 Extract Residues (Coal), Tar Oil Alk. No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao, Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] biodegradablility QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOBOHYDRIN RESIN 0 (%) 28 day Extract Residues (Coal), Tar Oil Alk. No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] d. Mobility in soil: QUARTZ (SiO2) No Data BISPHENOL A-EPICHLOROHYDRIN RESIN No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] e. Other adverse effects: QUARTZ (SiO2) No Data **BISPHENOL A-EPICHLOROHYDRIN RESIN** No Data Extract Residues (Coal), Tar Oil Alk., No Data Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]

13. Disposal considerations

Incineration is the recommended disposal method for all chemical wastes. Material collected on absorbent material may be disposed in a landfill in accordance with all applicable local, state and federal regulations

14. Transport information	
a. UN No.	3082
b. Proper Shipping Name	
QUARTZ (SiO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed; Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	Not applicable
c. Transportation Class	
QUARTZ (SiO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	9
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed; Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	Not applicable
d. Packing Group	
QUARTZ (SIO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	III
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] e.Marine Pllutant	Not applicable
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
f. Special precautions for user	
fire emergency	
QUARTZ (SiO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	F-A
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] spill Emergency	Not applicable
QUARTZ (SiO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	S-F
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	Not applicable
15. Regulation information	
a. Industrial Safety and Health Act	
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	No Data
 b. Toxic Chemical Control Act 	

b. Toxic Chemical Control Act

QUARTZ (SIO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk.,	No Data
Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil	
Alkaline Extract With Co2 And Cao. Composed	
Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	
Other Organic And Inorganic Impurities.]	
c. Dangerous Material Safety Control Act	Na Data
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	No Data
Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed; Crude Phenols; [The	No Data
Product Obtained By Treatment Of Coal Tar Oil	
Alkaline Extract With Co2 And Cao. Composed	
Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	
d. Wastes Management Act	
QUARTZ (SiO2)	No Data
BISPHENOL A-EPICHLOROHYDRIN RESIN	Designated waste
Extract Residues (Coal), Tar Oil Alk.,	No Data
Carbonated, Limed; Crude Phenols; [The	No Dala
Product Obtained By Treatment Of Coal Tar Oil	
Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	
Other Organic And Inorganic Impurities.]	
e. Other requirements in domestic and other o	countries
National regulation	
QUARTZ (SiO2)	Not applicable
BISPHENOL A-EPICHLOROHYDRIN RESIN	Not applicable
Extract Residues (Coal), Tar Oil Alk.,	Not applicable
Carbonated, Limed; Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil	
Alkaline Extract With Co2 And Cao. Composed	
Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	
Other Organic And Inorganic Impurities.]	
other countries	
U.S.A(OSHA)	
QUARTZ (SiO2)	Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN	Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk.,	
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA)	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2)	Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols; [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2CO3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SiO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302)	Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk.,	Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk.,	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
 QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] 	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] USA(EPCRA 304)	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 304) QUARTZ (SIO2)	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] USA(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk.,	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] USA(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alk, Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alk, Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed	Not applicable Not applicable
QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(CERCLA) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] U.S.A(EPCRA 302) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.] USA(EPCRA 304) QUARTZ (SIO2) BISPHENOL A-EPICHLOROHYDRIN RESIN Extract Residues (Coal), Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oli	Not applicable Not applicable

EU

QUARTZ (SiO2) No BISPHENOL A-EPICHLOROHYDRIN RESIN R3

Not applicable R36/38, R43, R51/53

Not applicable

Extract Residues (Coal), Tar Oil Alk., Carbonated, Limed: Crude Phenols: [The Product Obtained By Treatment Of Coal Tar Oil Alkaline Extract With Co2 And Cao. Composed Primarily Of Caco3, Ca(Oh)2, Na2Co3 And Other Organic And Inorganic Impurities.]

16. Other requirements in domestic and other countries

a. Information source and references QUARTZ (SiO2) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) ECB-ESIS(European chemical Substances Information System)(http://ecb.jrc.it/esis) ECOTOX Database, EPA(http://cfpub.epa.gov/ecotox) IUCLID Chemical Data Sheet, EC-ECB International Chemical Safety Cards(ICSC)(http://www.nihs.go.jp/ICSC) TOXNET, U.S. National Library of Medicine(http://toxnet.nlm.nih.gov) The Chemical Database, The Department of Chemistry at the University of Akron(http://ull.chemistry.uakron.edu/erd) (http://hazmat.nema.go.kr) (http://ncis.nier.go.kr) **BISPHENOL A-EPICHLOROHYDRIN RESIN** National Institute of Technology and Evaluation(NITE)(http://www.safe.nite.go.jp/ghs/h18_bunrui.html) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) National Library of Medicine(NLM)(http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CHEM) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) European chemical Substances Information System(ECB-ESIS)(http://ecb.irc.it/esis) National Institute of Technology and Evaluation(NITE)(http://www.safe.nite.go.jp/ghs/h18_bunrui.html) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) National Institute of Technology and Evaluation(NITE)(http://www.safe.nite.go.jp/ghs/h18_bunrui.html) European chemical Substances Information System(ECB-ESIS)(http://ecb.jrc.it/esis) National Library of Medicine/Chemical Carcinogenesis Research Information System(NLM/CCRIS)(http://toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?CCRIS) National Library of Medicine/genetic toxicology(NLM/GENETOX)(http://toxnet.nlm.nih.gov/ cgi-bin/sis/htmlgen?GENETOX) National Institute of Technology and Evaluation(NITE)(http://www.safe.nite.go.jp/ghs/h18_bunrui.html) Corporate Solution From Thomson Micromedex(http://csi.micromedex.com) 2013-06-28

b. Issuing date 2013 c. Revision number and date Revision number _ Date _ d. Others _