SDS Eslotight A 1/5page

Implementation: Jun. 4, 2013 Issue Date: Jul. 17, 2024

SAFETY DATA SHEET

1. Product and company (manufacturer) identification

Address:

Product:

Manufacturer:

Responsible section:

Telephone: Urgent telephone: Fax: Urgent contact: **Application & restriction**

Document number:

2. Hazards identification

GHS Classification

Physicochemical hazards:

Health hazards:

Eslotight A Sekisui Chemical Co., Ltd. Toranomon 2-10-4, Minato-ku, Tokyo 105-8566 Urban Infrastructure & Environmental Products Company **Pipe Systems Division** +81 - 3 - 6748 - 6492+81-3-6748-6492 +81-3-6748-6564 Same as above Bonding agent for polyvinyl chloride piping system for sewers. Other applications are prohibited. Es-A

Not classified **Explosives** Flammable gases Not classified Aerosols Not classified Oxidizing gases Not classified Gases under pressure Not classified Flammable liquids Not classified Flammable solids Not classified Self-active chemicals Not classified Not classified **Pyrophoric liquids** Not classified Pyrophoric solids Self-heating chemicals Classification not possible Chemicals which, in contact with Not classified Not classified water, emit flammable gases Not classified **Oxidizing liquids** Not classified Oxidizing solids Organic peroxides Not classified Classification not possible Substances corrosive to metals Desensitized explosives Not classified Acute toxicity (oral) Not classified Acute toxicity (dermal) Classification not possible Acute toxicity (inhalation: gas) Not classified Acute toxicity (inhalation: vapor) Classification not possible Acute toxicity (inhalation: dust and Classification not possible mist) Skin corrosion/irritation Category 2 Eye damage/irritation Category 2B Respiratory sensitization Classification not possible Skin sensitization Category 1 Germ cell mutagenicity Category 2 Carcinogenicity Classification not possible Reproductive toxicity Classification not possible Specific target organ toxicity Classification not possible (single exposure) Specific target organ toxicity Classification not possible (repeated exposure) Aspiration hazard Classification not possible Hazard to the aquatic Category 1 Hazard to the aquatic environment Category 1 (Long-term hazard)

Classification not possible

Hazard to the ozone layer

Pictogram or symbol:

Environmental hazards:

Signal word:



Hazard statement:	(H315+H320) Causes skin and eye irritation (H317) May cause an allergic skin reaction (H341) Suspected of causing genetic defects state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard (H410) Very toxic to aquatic life with long lasting effects
Precautionary statement:	Obtain special instructions before use. (P201) Do not handle until all safety precautions have been read and understood. (P202) Avoid breathing dust/fume/gas/mist/vapors/spray. (P261) Wash hands thoroughly after handling. (P264) Contaminated work clothing should not be allowed out of the workplace. (P272) Avoid release to the environment. (P273) Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN: Wash with plenty of water. (P302+P352) Specific treatment. (P221) If skin irritation occurs: Get medical advice/attention. (P332+P313) If skin irritation or rash occurs: Get medical advice/attention. (P333+P313) Take off contaminated clothing and wash it before reuse. (P362+P364) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) If eye irritation persists: Get medical advice/attention. (P337+P313) Collect spillage. (P391) Store locked up. (P405) Dispose of contents/container in accordance with local/regional/national/international regulations. (P501)

3. Composition/information on ingredients

Nature of composition: Chemical or common name: Hazardous ingredients: Mixture Liquid epoxy resin Resetien product of l

Reaction product of bisphenol A and epichlorohydrin, Titanium oxide

Component	Content	CAS Number	Reference Number in Gazetted List in Japan	Others
Reaction product of bisphenol A and epichlorohydrin	35 to 44%	25068-38-6	(7)-1283	
Urethane modified epoxy resin	20 to 30 %	Registered	Registered	
Titanium oxide	1 to 10 %	13463-67-7	(1)–558	
Calcium carbonate	25 to 34 %	471-34-1	(1)-122	

XThe content is listed as a range as it is confidential information.

4. First-aid measures

If vapor is inhaled:	Take the affected person to a clean-air space and give him rest in a easy- breathing pose.
	Seek physician's counsel as may be needed.
If touched to skin:	Immediately wipe off and wash the skin with plenty water and soap.
	Take off the contaminated clothing's for cleaning.
	Seek physicians counsel if he suffers from irritation or drowsiness.
If gets in eye:	Rinse cautiously with plenty water over 15 minutes.
	Remove contact lenses, if present and easy to do. Continue rinsing.
	Seek physician's counsel.
If swallowed:	Immediately seek physician's counsel.
n swallowed.	Rinse the mouth well and drink a lot of water to vomit.
0	
Special note to physician:	No information
5. Fire-fighting measures	
Extinguishing agents:	Carbon dioxide, powder agent, foam agent
Prohibited extinguishing agent:	Water flux
Specific hazards:	Fire may cause to generate irritant, toxic or erosive gas.
	Easily flammable. It will readily be ignited by heat, spark or flame.
	Heating of container may cause explosion.
	Easily inflammable liquid and vapor.
Proper extinguishing method:	Remove surrounding combustibles and use extinguishing agents.
	Use foam agent to choke a large scale fire.
	Eight against five standing to its windward as much as possible and wear

Fight against fire standing to its windward as much as possible and wear Respirator if necessary.

The use of water can spread the fire and be dangerous.

6 . <i>1</i>	Accidental release	e measures			
Health hazard precaution, protective wear and first- aid		ecaution, protective wear and first−	Workers should use protective wears (See Chapter 8) to prevent contact with the spilt adhesive and inhalation of its vapor.		
	Environmental hazard precaution: Recovery and neutralization:		Rope off the crowd from the leak spot.		
			Prevent flow out to rivers, etc. so as not to badly affect the environment. For small scale leakage, use absorbent (sawdust, dirt, sand, waste rug) to remove most of the spill and collect in sealed containers.		
			For large scale leakage, build bank around the spill and lead the liquid to a safer place for recovery.		
			Alternatively, absorb the spillage onto sand, rags, etc. and collect it in a sealed container.		
	Prevention of se	condary casualty:	Quickly remove all the combustibles from around the leak spot and provide extinguishers ready for use.		
7.	Handling and stor Handling	age precautions			
	-	Technical measures:	Use protective wears if inhalation or skin contact is foreseen. No open flames.		
		Local & total ventilation:	Handling work must be practiced in a room where local or total ventilation facility is functioning.		
		Safe handling:	Ban of high temperature substance, sparking and fire at nearby points. Prohibition of eating, drinking and smoking while the product is used. Wash hands well after handling.		
			Avoid contact of the product with eye, skin and clothing.		
			Do not inhale vapor, mist and spray of the product.		
			Handle it only after reading and understanding all the precautions. Use the product only in a well ventilated room or outdoors.		
	Storage				
		Storing conditions:	Store in a remote room from heat, sparks and naked flame. No smoking in the		
			storage room. Store in a cool, ventilated room.		
			Lock the storage room.		
8.	•	and personal protection			
	Facility measure	S:	Local ventilation of closed work room or total proper ventilation to prevent vapor inhalation.		
	Control concent Permissible conc exposure guide l	centration (Exposure limit, Biological	Not determined		
		Japan society for occupational health. (2005 version)	Not determined		
		ACGIH (2005 version) TLV-TWA	Not determined		
	Protective wears				
		Respiratory protection: Hand protection:	Use aspirator with appropriate filter Impermeable gloves		
		Eye protection:	Glasses-type goggles with side plates.		
		Skin and body protection:	Long-sleeve fatigue uniform		
	Hygienic measur		Wash hands well after handling.		
9 . I	Physical and cher	nical properties			
		Physical state	Viscous liquid		
		Color	White		
		Odor Melting point/Freezing point	Characteristic No data available		
			No data available No data available		
		Boiling point or initial boiling point			
		Flammability	No data available		
		Lower and upper explosion limit/flammability limit	No data available		
		Flash point	250°C		
		Auto-ignition temperature	No data available		

Decomposition temperature pH Dynamic viscosity Solubility n-octanol/water partition coefficient: Vapor pressure Density and/or relative density Relative vapor density Particle characteristics No data available Not applicable Not applicable Insoluble in water, soluble in common organic solvents No data available

Not applicable ca. 1.26 Heavier than air No data available

10.	Stability and reactivity Stability: Chemical stability: Possibility of hazardous reaction: Prohibitive conditions: Prohibitive contact: Hazardous decomposed substances:	Stable under normal conditions and handling. Stable under normal conditions and handling. Reacts with organic base, strong oxidizing agents. Heat Oxidizing agent, organic base, etc. Generates Aldehyde, Acid and Organic matter by thermal decomposition.
11.	Hazard information Acute toxicity (oral)	Estimation ATE mix=11400mg/kg The product, as the mixture, falls in Not classified
		The product, as the mixture, falls in Category 2 The product, as the mixture, falls in Category 2B The product, as the mixture, falls in Category 1B The product, as the mixture, falls in Category 2 Classification not possible Classification not possible Classification not possible re's toxicity study, mutagenicity tests using micro-organisms and chromosomal ad mutagenicity exceeding the prescribed criteria and may cause health problems.
	Ecological information Ecotoxicity: Persistence/degradability: Ecological accumulative property: Mobility in soil:	None known at present. None known at present. None known at present. None known at present.
	Hazard to the aquatic environment (Acute hazard):	The product, as the mixture, falls in Category 1 (Very toxic to aquatic life)
	Hazard to the aquatic environment (Long-term hazard):	The product, as the mixture, falls in Category 1 (Very toxic to aquatic life with long lasting effects)
	Hazard to the ozone layer:	Does not contain any ingredients listed in the Annexes to the Montreal Protocol. Classification not possible.
13.	Notes on disposal Residual & waste:	In the disposal of residual and other wastes, observe the relevant laws /regulations and local government rules. Users of the product should contract with the local government or licensed 'Industrial Waste Processors' for disposal of waste. It is important to let the contractor know well of fire and health hazards of the product, prior to disposal.
	Contaminated containers & packages:	Clean the containers for reuse or dispose them properly in accordance with relevant regulations and local government rules. Completely empty containers prior to disposal.
	Transport information International rule	
	UN number: Proper shipping name: UN classification: Packing group: Sea Pollution Prevention Act	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Class 9 III Harmful liquid material The enforcement order separate table first; X Group (Reaction product of bisphenol A and epichlorohydrin) However, it is not applicable when net weight in one container is 5L or less.
	Domestic control: Guidance Number	171
	Onshore control info. Offshore control info. Air cargo control info.	Observe the Fire Defense Law. Observe the Marine Vessel Safety Law. Observe the Aviation Law.
	Special safety measure:	Observe the Fire Defense Law. On-board containers of hazardous material must be piled firmly and orderly to avoid falling, tumbling and breaking.

Cargo of hazardous material must be transported in a way the containers or the

material itself do not suffer severe friction and vibration.

If possible cause of casualty, such as heavy leakage, is found during transportation, try to remedy the situation and notify the fact to the nearby fire department or the relevant bureau.

The driver carrying hazardous material must hold Yellow Card. Do not load hazardous materials together with food and feedstuff.

15. Regulatory information	วท	
Labor Safety and Hy Fire Defense Law: PRTR Law:	giene Law: ious Substance Control Law:	 Hazardous materials to be notified to the authority (Chapter 57, Section 2) (Titanium oxide) Hazardous materials to be posted (Chapter 18 of Ordinance) (Not applicable) Mutagenicity chemical substance (Reaction product of bisphenol A and epichlorohydrin) Carcinogenicity of chemical substances (Ordinance on Industrial Safety and Health Chapter 34,Section 2-4) (Not applicable) Chemical substances that cause skin and other skin disorders (related to Article 22 of the Law). (Reaction product of bisphenol A and epichlorohydrin) Not applicable Not applicable Not applicable Harmful liquid material The enforcement order separate table first; X Group (Reaction product of bisphenol A and epichlorohydrin) However, it is not applicable when net weight in one container is 5L or less.
16. Other information		
Literature:	2) Guideline for 3) GHS Classific 4) Hazard Handl	afety Data Sheet (MSDS) Part 1: Content and Order of Items MSDS Edition (Revised Edition) by Japan Chem. Ind. Assoc. cation Database, Site of National Institute of Technology and Evaluation book of Chemicals by Japan Industrial Safety and Health Association nunication of chemicals based on GHS-Labelling and Safety Data Sheet (SDS) JIS

This data sheet is edited by referring to currently available information, however, it is not intended to guarantee the data values or the precision of contained information. The precautions mentioned above are for ordinary handling and use only therefore please handle with care by implementing appropriate safety measures for new application and usage.