

EPOXYCOTE SB GOLDEN YELLOW
Version 1

Revision Date 22-Jun-2016
Supersedes Date: No information available

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name EPOXYCOTE SB GOLDEN YELLOW
Pure substance/mixture mixture

1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended use Adhesives.
Uses Advised Against No information available.

1.3. Details of the Supplier of the Safety Data Sheet

Company Name
Bostik (Shanghai) Management Co., Ltd
Building 1, No.968 Guanghai Road, Minhang District
Shanghai, China
Tel: 021-60763101
Fax: 021-60763133

Manufacturer
Bostik India Private Ltd
124/1 & 124/2A
Kachanayakanahalli
Behind Bommasandra Indl.Area
Off Hosur Road, Hennagara Post,
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Bangalore - 562106, Karnataka,
INDIA
Tel: 0091-80-27833520
Fax: 00 91-80-27831324
Email: Bostikinfo.India@bostik.com

Please refer to Section 16 for local affiliate addresses.

1.4. Emergency Telephone Number

Emergency Telephone 0532-8388 9090 (China only)
E-mail address SDS.AP@Bostik.com

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the Substance or Mixture

Acute toxicity - Oral	Category 4 (6.1D)
Acute toxicity - Dermal	Category 4 (6.1D)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 (6.1D)
Skin Corrosion/Irritation	Category 2 (6.3A)
Serious Eye Damage/Eye Irritation	Category 1 (8.3A)
Skin sensitization	Category 1 (6.5B)
Carcinogenicity	Category 1B (6.7A)
Reproductive toxicity	Category 1A (6.8A)
Specific target organ toxicity (repeated exposure)	Category 2 (6.9B)
Acute aquatic toxicity	Category 1 (9.1A)
Chronic aquatic toxicity	Category 1 (9.1A)

Classification in parenthesis is applicable for New Zealand Hazard Classification

ERMA Group No information available

2.2. Label Elements

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Signal Word

DANGER

Hazard statements

H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H350 - May cause cancer
H360 - May damage fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H410 - Very toxic to aquatic life with long lasting effects

Precautionary Statements - Prevention

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P281 - Use personal protective equipment as required
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P273 - Avoid release to the environment

Precautionary Statements - Response

P321 - Specific treatment (see supplemental first aid instructions on this label)

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Skin

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P312 - Call a POISON CENTER or doctor if you feel unwell
P362 - Take off contaminated clothing and wash before reuse
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician

Ingestion

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330 - Rinse mouth

Spill

P391 - Collect spillage

Precautionary Statements - Storage

P405 - Store locked up

Precautionary Statements - Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other Hazards

- May be fatal if swallowed and enters airways
- May cause respiratory irritation

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Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

This product is a mixture. Health hazard information is based on its components.

3.2 Mixtures

Chemical Name	CAS No	Weight-%
Bisphenol-A-Epichlorhydrin Epoxy resin	25068-38-6	20 - 30
Xylenes (o-, m-, p- isomers)	1330-20-7	20 - 30
1-Butanol	71-36-3	5 - 10
C.I. Pigment Yellow 34	1344-37-2	5 - 10
2-Ethoxyethanol	110-80-5	1 - 5
Ethylbenzene	100-41-4	1 - 5
Triethylenetetramine	112-24-3	1 - 5

*** Any remaining ingredients are not hazardous

Section 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General Advice	Immediate medical attention is required. If symptoms persist, call a physician.
Inhalation	Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is required. If not breathing, give artificial respiration. Artificial respiration and/or oxygen may be necessary. Call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
Skin Contact	Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately. If symptoms persist, call a physician.
Ingestion	Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Clean mouth with water and drink afterwards plenty of water. Call a physician.
Self-protection of the First Aider	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians May cause sensitization of susceptible persons. Treat symptomatically.

4.4. Reference to Other Sections

Reference to Other Sections Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Section 11: TOXICOLOGY INFORMATION.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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Unsuitable Extinguishing Media No information available.

5.2. Special Hazards Arising from the Substance or Mixture

Specific Hazards Arising from the Chemical In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for Firefighters

Special Protective Equipment for Fire-fighters Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas.

6.2. Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.

6.3. Methods and Material for Containment and Cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.

Methods for Cleaning up Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel into suitable containers for disposal. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers.

6.4. Reference to other sections

Reference to Other Sections Section 7: HANDLING AND STORAGE
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION
Section 13: DISPOSAL CONSIDERATIONS

Section 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Advice on Safe Handling Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Use with local exhaust ventilation.

7.2. Conditions for Safe Storage, including any Incompatibilities

General Hygiene Considerations When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Wash hands thoroughly after handling. Keep away from food, drink and animal feeding stuffs.

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Incompatible Materials No information available

7.3. Specific End Use(s)

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Other Information No information available.

7.4. References to Other Sections

Reference to Other Sections Section 13: DISPOSAL CONSIDERATIONS. Section 10: STABILITY AND REACTIVITY.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	European Union
Xylenes (o-, m-, p- isomers) 1330-20-7	STEL: 150 ppm TWA: 100 ppm	-	TWA: 100 ppm TWA: 435 mg/m ³	TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ S*
1-Butanol 71-36-3	TWA: 20 ppm	IDLH: 1400 ppm Ceiling: 50 ppm Ceiling: 150 mg/m ³	TWA: 100 ppm TWA: 300 mg/m ³	-
C.I. Pigment Yellow 34 1344-37-2	TWA: 0.05 mg/m ³ Pb	IDLH: 100 mg/m ³ Pb TWA: 0.0002 mg/m ³ Cr TWA: 0.050 mg/m ³ Pb	TWA: 5 µg/m ³ TWA: 50 µg/m ³ Pb	-
2-Ethoxyethanol 110-80-5	TWA: 5 ppm S*	IDLH: 500 ppm TWA: 0.5 ppm TWA: 1.8 mg/m ³	TWA: 200 ppm TWA: 740 mg/m ³ S*	TWA: 2ppm TWA: 8mg/m ³ S*
Ethylbenzene 100-41-4	TWA: 20 ppm	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³	TWA: 100 ppm TWA: 435 mg/m ³	TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ S*

Chemical Name	Australia	China	Japan	Korea	New Zealand
Xylenes (o-, m-, p- isomers) 1330-20-7	80 ppm 350 mg/m ³ 150 ppm STEL 655 mg/m ³ STEL	TWA: 50 mg/m ³ STEL: 100 mg/m ³	TWA: 50 ppm TWA: 217 mg/m ³ ISHL/ACL: 50 ppm	STEL: 150 ppm STEL: 655 mg/m ³ TWA: 100 ppm TWA: 435 mg/m ³	TWA: 50 ppm TWA: 217 mg/m ³
1-Butanol 71-36-3	50 ppm Peak 152 mg/m ³ Peak Skin	TWA: 100 mg/m ³ STEL: 150 mg/m ³	Ceiling: 50 ppm Ceiling: 150 mg/m ³ Skin ISHL/ACL: 25 ppm	Ceiling: 50 ppm Ceiling: 150 mg/m ³ Skin	Ceiling: 50 ppm Ceiling: 150 mg/m ³ Skin
C.I. Pigment Yellow 34 1344-37-2	0.15 mg/m ³ 0.05 mg/m ³	-	TWA: 0.05 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.1 mg/m ³ ISHL/ACL: 0.05 mg/m ³	TWA: 0.05 mg/m ³	TWA: 0.1 mg/m ³ TWA: 0.05 mg/m ³
2-Ethoxyethanol 110-80-5	5 ppm 18 mg/m ³ Skin	TWA: 18 mg/m ³ STEL: 36 mg/m ³ Skin	TWA: 18 mg/m ³ TWA: 5 ppm Skin ISHL/ACL: 5 ppm	Skin TWA: 5 ppm TWA: 19 mg/m ³	TWA: 5 ppm TWA: 18 mg/m ³ Skin
Ethylbenzene 100-41-4	100 ppm 434 mg/m ³ 125 ppm STEL 543 mg/m ³ STEL	TWA: 100 mg/m ³ STEL: 150 mg/m ³	TWA: 50 ppm TWA: 217 mg/m ³ ISHL/ACL: 20 ppm	STEL: 125 ppm STEL: 545 mg/m ³ TWA: 100 ppm TWA: 435 mg/m ³	TWA: 100 ppm TWA: 434 mg/m ³ STEL: 125 ppm STEL: 543 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

Other Information No information available

8.2. Exposure Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

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Personal Protective Equipment (PPE)

Eye/Face Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
Hand Protection	Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
Respiratory Protection	No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
General Hygiene Considerations	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental Exposure Controls Local authorities should be advised if significant spillages cannot be contained. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance	Very viscous
Color	Yellow
Odor	Solvent
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	No information available
Density	No information available
Bulk Density	No information available
VOC	

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity None under normal use conditions.

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10.2. Chemical Stability

10.3. Possibility of Hazardous Reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

10.4. Conditions to Avoid

Conditions to Avoid Heat, flames and sparks.

10.5. Incompatible Materials

Incompatible Materials No information available.

10.6. Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use conditions.

Section 11: TOXICOLOGY INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation No Data Available.
Eye contact No Data Available.
Skin Contact No Data Available.
Ingestion No Data Available.

Numerical measures of toxicity

Unknown acute toxicity

14.76 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
58.284 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
97.842 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
74.282 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
17.764 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Bisphenol-A-Epichlorhydrin Epoxy resin 25068-38-6	= 11400 mg/kg (Rat)	-	-
Xylenes (o-, m-, p- isomers) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit) > 1700 mg/kg (Rabbit)	= >47635 mg/L (Rat) 4 h = >5000 ppm (Rat) 4 h
1-Butanol 71-36-3	= 700 mg/kg (Rat) = 790 mg/kg (Rat)	= 3402 mg/kg (Rabbit) = 3400 mg/kg (Rabbit)	> 8000 ppm (Rat) 4 h
C.I. Pigment Yellow 34 1344-37-2	> 5000 mg/kg (Rat)	-	-
2-Ethoxyethanol 110-80-5	= 2800 mg/kg (Rat)	= 3300 mg/kg (Rabbit)	= 4267 ppm (Rat) 4 h
Ethylbenzene 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 1432 mg/L (Rat) 4 h
Triethylenetetramine 112-24-3	= 2500 mg/kg (Rat)	= 550 mg/kg (Rabbit)	-

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Skin Corrosion/Irritation No information available.
Serious Eye Damage/Eye Irritation No information available.
Sensitization No information available.
Germ Cell Mutagenicity No information available.

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Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.
Target Organ Effects	Blood, Central nervous system, Eyes, hematopoietic system, Kidney, Liver, Reproductive System, Respiratory system, Skin.
Aspiration Hazard	No information available.
Carcinogenicity	The following substance(s) are classified in Annex VI CLP (1272/2008) as carcinogenic.

Chemical Name	IARC	China	Japan
Xylenes (o-, m-, p- isomers)	Group 3	-	-
C.I. Pigment Yellow 34	Group 1 Group 2A	-	Group 1 Group 2B
Ethylbenzene	Group 2B	-	Group 2B

IARC (International Agency for Research on Cancer) Group 1 - Carcinogenic to Humans Group 2A - Probably Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

Product Information

Very toxic to aquatic life with long lasting effects.

Component Information

Data obtained on the component(s) include

Chemical Name	Algae/Aquatic Plants	Fish	Crustacea
Bisphenol-A-Epichlorhydrin Epoxy resin 25068-38-6	-	1.2 mg/l 96Hr (Oncorhynchus mykiss)	2.7 mg/l 48hr Daphia Magna
Xylenes (o-, m-, p- isomers) 1330-20-7	-	LC50 96 h 23.53 - 29.97 mg/L (Pimephales promelas static) LC50 96 h 13.5 - 17.3 mg/L (Oncorhynchus mykiss) LC50 96 h = 19 mg/L (Lepomis macrochirus) LC50 96 h > 780 mg/L (Cyprinus carpio) LC50 96 h 30.26 - 40.75 mg/L (Poecilia reticulata static) LC50 96 h = 13.4 mg/L (Pimephales promelas flow-through) LC50 96 h = 780 mg/L (Cyprinus carpio semi-static) LC50 96 h 2.661 - 4.093 mg/L (Oncorhynchus mykiss static) LC50 96 h 13.1 - 16.5 mg/L (Lepomis macrochirus flow-through) LC50 96 h 7.711 - 9.591 mg/L (Lepomis macrochirus static)	EC50 48 h = 3.4 mg/L (water flea)
1-Butanol 71-36-3	EC50 72 h > 500 mg/L (Desmodesmus subspicatus) EC50 96 h > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h = 1740 mg/L (Pimephales promelas flow-through) LC50 96 h = 1910000 µg/L (Pimephales promelas static) LC50 96 h 1730 - 1910 mg/L (Pimephales promelas static) LC50 96 h 100000 - 500000 µg/L (Lepomis macrochirus static)	EC50 48 h = 1983 mg/L (Daphnia magna) EC50 48 h 1897 - 2072 mg/L (Daphnia magna Static)
C.I. Pigment Yellow 34 1344-37-2	-	LC50 96 h > 10000 mg/L (Leuciscus idus static)	-
2-Ethoxyethanol 110-80-5	EC50 72 h > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h > 10000 mg/L (Lepomis macrochirus static) LC50 96 h > 0.1 mg/L (Pimephales promelas static)	EC50 48 h > 10000 mg/L (Daphnia magna)
Ethylbenzene 100-41-4	EC50 96 h > 438 mg/L (Pseudokirchneriella subcapitata) EC50 72 h 2.6 - 11.3 mg/L	LC50 96 h = 32 mg/L (Lepomis macrochirus static) LC50 96 h 9.1 - 15.6 mg/L (Pimephales promelas)	EC50 48 h 1.8 - 2.4 mg/L (Daphnia magna)

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	(Pseudokirchneriella subcapitata) EC50 96 h 1.7 - 7.6 mg/L (Pseudokirchneriella subcapitata) EC50 72 h = 4.6 mg/L (Pseudokirchneriella subcapitata)	static) LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h 11.0 - 18.0 mg/L (Oncorhynchus mykiss static) LC50 96 h 7.55 - 11 mg/L (Pimephales promelas flow-through) LC50 96 h = 9.6 mg/L (Poecilia reticulata static)	
Triethylenetetramine 112-24-3	EC50 72 h = 20 mg/L (Pseudokirchneriella subcapitata) EC50 96 h = 3.7 mg/L (Pseudokirchneriella subcapitata) EC50 72 h = 2.5 mg/L (Desmodesmus subspicatus)	LC50 96 h = 495 mg/L (Pimephales promelas) LC50 96 h = 570 mg/L (Poecilia reticulata semi-static)	EC50 48 h = 31.1 mg/L (Daphnia magna)

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

No information available.

12.5. Results of PBT and vPvB Assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other Adverse Effects

No information available.

Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Bisphenol-A-Epichlorhydrin Epoxy resin	Group III Chemical	-	-
Triethylenetetramine	Group III Chemical	-	-

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste from Residues/Unused Products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14: TRANSPORTATION INFORMATION

IMDG

UN/ID No	UN3082
Proper Shipping Name	Environmentally hazardous substance, liquid, n.o.s. (Epoxide Derivatives, Triethylenetetramine), Marine Pollutant
Hazard Class	9
Packing Group	III
EmS-No	F-A, S-F
Special Provisions	274, 335, 969
Limited Quantity (LQ)	5 L
Description	UN3082, Environmentally hazardous substance, liquid, n.o.s. (Epoxide Derivatives, Triethylenetetramine), 9, III, Marine Pollutant

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IATA

UN/ID No UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Epoxide Derivatives, Triethylenetetramine)
Hazard Class 9
Packing Group III
ERG Code 9L
Limited Quantity (LQ) 30 kg G
Special Provisions A97, A158, A197
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Epoxide Derivatives, Triethylenetetramine), 9, III

ADR

UN/ID No UN3082
Proper Shipping Name Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A-Epichlorhydrin Epoxy resin, Triethylenetetramine)
Hazard Class 9
Hazard Labels 9
Packing Group III
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A-Epichlorhydrin Epoxy resin, Triethylenetetramine), 9, III
Environmental Hazard yes
Limited Quantity (LQ) 5 L
Special Provisions 274, 335, 601, 375
Classification Code M6
Tunnel Restriction Code E

Section 15: REGULATORY INFORMATION

National Regulations

China

This product contains the following substance(s)

Chemical Name	Weight-%	China - Catalog of Hazardous Chemicals - Hazardous Chemicals
Xylenes (o-, m-, p- isomers) 1330-20-7	20 - 30	X
1-Butanol 71-36-3	5 - 10	X
2-Ethoxyethanol 110-80-5	1 - 5	X
Ethylbenzene 100-41-4	1 - 5	X
Triethylenetetramine 112-24-3	1 - 5	X

Japan

This product contains the following Class 1 and Class 2 Designated Chemical Substances per Japan PRTR Law.

Chemical Name	Weight-%	Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances
Xylenes (o-, m-, p- isomers) 1330-20-7	20 - 30	X
C.I. Pigment Yellow 34 1344-37-2	5 - 10	X
2-Ethoxyethanol 110-80-5	1 - 5	X
Ethylbenzene	1 - 5	X

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100-41-4		
Triethylenetetramine 112-24-3	1 - 5	X

Korea

K-REACH/chemical control act(CCA)

This product contains the following substance(s)

Chemical Name	Weight-%	Korea - MOE - K-REACH/CCA - Toxic Substances	Korea - MOE - K-REACH/CCA - Prohibited Substances	Korea - MOE - K-REACH/CCA - Restricted Substances	Korea - MOE - Chemicals Control Act (CCA) - Accident Precaution Chemicals	Korea - MOE - K-REACH - Existing Substances Subject to Registration
Bisphenol-A-Epichlorhydrin Epoxy resin 25068-38-6	20 - 30					O
Xylenes (o-, m-, p-isomers) 1330-20-7	20 - 30	O				O
C.I. Pigment Yellow 34 1344-37-2	5 - 10	O				O
2-Ethoxyethanol 110-80-5	1 - 5	O				O

International Regulations

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No
C.I. Pigment Yellow 34	1344-37-2
2-Ethoxyethanol	110-80-5

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Safety Data Sheet

EPOXYCOTE SB GOLDEN YELLOW
Version 1

Revision Date 22-Jun-2016
Supersedes Date: No information available

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Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

Key Literature References and Sources for Data

No information available

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Disclaimer

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End of Safety Data Sheet