

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME: AMERICAN INDUSTRIES, INC. **PRODUCT NAME:** 2001
ADDRESS LINE 1: 4300 Kahn Drive, Box 1405 **PRODUCT CODE:** 2211
ADDRESS LINE 2: Lumberton, NC 28359-1405 USA **PRODUCT USE:** Epoxy Putty
TELEPHONE NUMBERS: 800-753-5153 (or) 910-738-7224 **SDS FILE ID:** 2211.09
EMERGENCY PHONE: CHEMTREC 1-800-424-9300 **SDS DATE:** 2022-04-11
REPLACES VERSION DATED: 2014-09-23 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture: SKIN CORROSION/IRRITATION - Category 2
EYE IRRITATION - Category 2A
SKIN SENSITIZATION - Category 1
CARCINOGENICITY – Category 1A
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) – Category 3
Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 28.2% (oral), 72.7% (dermal), 86.9% (inhalation)

GHS label elements:

Hazard pictograms:



Signal word: Danger

Hazard statements: Causes skin and eye irritation. May cause an allergic skin reaction. May cause respiratory irritation. May cause cancer.

Precautionary statements:

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

Response: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. Take off contaminated clothing and wash it before reuse. Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental Label elements: Sanding and grinding dusts may be harmful if inhaled. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Emits toxic fumes when heated.

Hazards not otherwise classified: None Known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Ingredient name	% by weight	CAS number
Talc, not containing asbestiform fibers	≥20 - ≤50	14807-96-6
glass, oxide, chemicals	≥10 - ≤20	65997-17-3
Poly[oxy(methyl-1,2-ethanediyl)], α-hydro-ω-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	≥10 - ≤20	72244-98-5
bis-[4-(2,3-epoxipropoxy)phenyl]propane	≥10 - ≤20	1675-54-3
Epoxy resin (MW ≤ 700)	≥5 - ≤10	25068-38-6
Zinc sulphide	≥1 - ≤5	1314-98-3
2,4,6-tris(dimethylaminomethyl)phenol	≤1.7	90-72-2
crystalline silica, respirable powder (<10 microns)	<1.0	14808-60-7

SUB codes represent substances without registered CAS numbers.
Any concentration shown as a range to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: FIRST AID MEASURES

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin Contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Eye Contact: Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptom/effects: acute and delayed

Potential acute health effects:

- Inhalation:** May cause respiratory irritation.
Skin Contact: Causes skin irritation. May cause an allergic skin reaction.
Eye Contact: Causes serious eye irritation
Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms:

- Inhalation:** Adverse symptoms may include the following: respiratory tract irritation, coughing
Skin Contact: Adverse symptoms may include the following: irritation, redness.
Eye Contact: Adverse symptoms may include the following: pain or irritation, watering, redness.
Ingestion: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician:** In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific treatments: No specific treatment.
Protection of first-aiders No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media:

- Suitable extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media: None known.
Specific hazards arising from the chemicals: No specific fire or explosion hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, nitrogen oxides, sulfur oxides, halogenated compounds, metal oxide/oxides.

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small Spill: Move containers from spill area. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large Spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Conditions for safe storage, including any incompatibilities: Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Protective measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Special precautions: If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits:

Ingredient name	Exposure Limits
Talc, not containing asbestiform fibers	ACGIH TLV (United States, 3/2020). TWA: 2 mg/m ³ 8 hours. Form: Respirable OSHA PEL Z3 (United States). TWA: 2 mg/m ³
Glass, oxide, chemicals	OSHA PEL (United States). TWA: 15 mg/m ³ TWA: 5 mg/m ³ Form: Respirable TWA: 15 mg/m ³ Form: Total dust ACGIH TLV (United States). TWA: 1 f/cc Form: Continuous filament glass fibers TWA: 5 mg/m ³ , (Inhalable) Form: Continuous filament glass fibers TWA: 3 mg/m ³ Form: Respirable TWA: 10 mg/m ³ Form: Total dust ACGIH TLV (United States, 3/2020). TWA: 5 mg/m ³ 8 hours. Form: Inhalable fraction TWA: 1 f/cc 8 hours. Form: Respirable fibers: length greater than 5 µm; aspect ratio equal to or greater than 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast illumination.

bis-[4-(2,3-epoxipropoxy)phenyl]propane None.
Epoxy resin (MW ≤ 700) None.
zinc sulphide None.
2,4,6-tris(dimethylaminomethyl)phenol None.

Poly[oxy(methyl-1,2-ethanediyl)], α-hydro- None.
ω-hydroxy-, ether with
2,2-bis(hydroxymethyl)-1,3-propanediol
(4:1), 2-hydroxy-3-mercaptopropyl ether

Crystalline silica, respirable powder (<10
Microns)

ACGIH TLV (United States, 3/2020).

TWA: 0.025 mg/m³ 8 hours. Form: Respirable

OSHA PEL Z3 (United States, 6/2016).

TWA: 10 mg/m³ / (%SiO₂+2) 8 hours. Form: Respirable

TWA: 250 mppcf / (%SiO₂+5) 8 hours. Form: Respirable

OSHA PEL (United States, 5/2018).

TWA: 50 µg/m³ 8 hours. Form: Respirable dust

Key Abbreviations

A = Acceptable Maximum Peak

ACGIH = American Conference of Governmental Industrial Hygienists.

C = Ceiling Limit

S Potential skin absorption

SR = Respiratory sensitization

SS = Skin sensitization

STEL = Short term Exposure limit values.

TD = Total dust

TLV = Threshold Limit Value

TWA = Time Weighted Average

F = Fume

IPEL = Internal Permissible Exposure Limit

OSHA = Occupational Safety and Health Administration.

R = Respirable

Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls:

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection:

Chemical splash goggles.

Skin protection

Hand protection:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. **Gloves:** butyl rubber

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product

Other skin protection:

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection:

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The respiratory protection shall be in accordance to 29 CFR 1910.134.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid.	Solubility:	Insoluble in the following materials: cold water
Color:	Not available.		
Odor:	Not available.		
Odor threshold:	Not available.	Partition coefficient: n-octanol/water	Not applicable.
pH:	Not applicable.	Viscosity:	Kinematic (40°C (104°F)): Not applicable.
Melting point:	Not available.	Volatility:	0% (v/v), 0% (w/w)
Boiling point:	Not available.	% Solid. (w/w):	100
Flash point:	Closed cup: Not applicable.		
Evaporation rate:	Not available.		
Flammability (solid, gas):			
Lower and upper explosive (flammable) limits:	Not available.		
Vapor pressure:	Not available.		
Vapor density:	Not available.		
Relative density:	1.95		
Density (lbs/gal)	16.27		

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No specific test related to reactivity available for this product or its ingredients.
Chemical stability:	Stable
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
Incompatible materials:	Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
Hazardous decomposition products:	Depending on conditions, decomposition products may include the following materials: carbon oxides nitrogen oxides sulfur oxides halogenated compounds metal oxide/oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

<u>Product/ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
bis-[4-(2,3-epoxipropoxy)phenyl]propane	LD50 Dermal	Rabbit	23000 mg/kg	-
Epoxy Resin (MW ≤ 700)	LD50 Oral	Rat	15000 mg/kg	-
	LD50 Dermal	Rabbit	>2 g/kg	-
2,4,6-tris(dimethylaminomethyl)phenol	LD50 Oral	Rat	>2 g/kg	-
	LD50 Dermal	Rabbit	1.28 g/kg	-
Conclusion/Summary	LD50 Dermal	Rat	1280 mg/kg	
	LD50 Oral	Rat	1200 mg/kg	

Irritation/Corrosion

<u>Product/ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Score</u>	<u>Exposure</u>	<u>Observation</u>
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Eyes – Redness of the conjunctivae	Rabbit	0.4	24 hours	-
	Eyes – Mild irritant	Rabbit	-	24 hours	-
	Skin – Erythema/Eschar	Rabbit	.8	4 hours	-
	Skin – Edema	Rabbit	.5	4 hours	-
	Skin – Mild irritant	Rabbit	-	4 hours	-
Epoxy resin (MW ≤ 700)	Skin – Mild irritant	Rabbit	-	-	-
	Eyes – Mild irritant	Rabbit	-	-	-
2,4,6-tris(dimethylaminomethyl)phenol	Skin – Visible necrosis	Rabbit	-	4 hours	7 days
Conclusion/Summary	Skin/Eyes/Respiratory: There are no data on the mixture itself				

Sensitization:

<u>Product/ingredient name</u>	<u>Route of Exposure</u>	<u>Species</u>	<u>Result</u>
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Skin	Mouse	Sensitizing
Epoxy resin (MW ≤ 700)	Skin	Mouse	Sensitizing
2,4,6-tris(dimethylaminomethyl)phenol	Skin	Guinea Pig	Sensitizing

Conclusion/Summary Skin/Respiratory: There are no data available on the mixture itself.

Mutagenicity No specific data.
Carcinogenicity No specific data.

Classification

<u>Product/ingredient name</u>	<u>OSHA</u>	<u>IARC</u>	<u>NTP</u>
crystalline silica respirable powder (<10 microns)	-	1	Known to be a human carcinogen.
bis-[4-(2,3-epoxipropoxy)phenyl]propane	-	3	-
Glass, oxide, chemicals	-	3	

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen

OSHA: +

Not listed/not regulated: -

Reproductive toxicity: No specific data.
Teratogenicity: No specific data.

Specific target organ toxicity (single exposure):

<u>Product/ingredient name</u>	<u>Category</u>	<u>Route of exposure</u>	<u>Target Organs</u>
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Talc, not containing 3 - Respiratory tract irritation
asbestiform fibers

Specific target organ toxicity (repeated exposure):

<u>Product/ingredient name</u>	<u>Category</u>	<u>Route of exposure</u>	<u>Target Organs</u>
Crystalline silica, respirable powder (<10 microns)	1	Inhalation	-

Target organs: Contains material which may cause damage to the following organs: lungs, Cardiovascular system, upper respiratory tract, skin, eyes.

Aspiration hazard: No specific data.

Information on the likely routes of exposure:

Potential acute health effects

Eye contact:	Causes serious eye irritation.
Inhalation:	May cause respiratory irritation.
Skin Contact:	Causes skin irritation. May cause an allergic skin reaction.
Ingestion:	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact:	Adverse symptoms may include the following: pain or irritation, watering redness.
Inhalation:	Adverse symptoms may include the following: respiratory tract irritation, coughing.
Skin Contact:	Adverse symptoms may include the following: irritation, redness.
Ingestion:	No specific data

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary: There are no data available on the mixture itself. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Exposure to component solvent vapor concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. There is some evidence that repeated exposure to organic solvent vapors in combination with constant loud noise can cause greater hearing loss than expected from exposure to noise alone. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

Potential immediate effects: Not available.

Potential delayed effects: Not available.

Long term exposure

Potential immediate effects: Not available.

Potential delayed effects: Not available.

Potential chronic health effects: No specific data.

General:	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity:	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity:	No known significant effects or critical hazards.
Reproductive toxicity:	No known significant effects or critical hazards.

Numerical measures of toxicity:

<u>Acute toxicity estimates</u>	<u>Oral (mg/kg)</u>	<u>Dermal (mg/kg)</u>	<u>Inhalation (gases)(ppm)</u>	<u>Inhalation (vapors) (mg/l)</u>	<u>Inhalation (dusts and mists) (mg/l)</u>
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2001	20390.3	7867.3	N/A	N/A	N/A
bis-[4-(2,3-epoxipropoxy)phenyl]propane	15000	23000	N/A	N/A	N/A
Epoxy resin (MW ≤ 700)	2500	2500	N/A	N/A	N/A
2,4,6-tris(dimethylaminomethyl)phenol	1200	1280	N/A	N/A	N/A

SECTION 12: ECOLOGICAL INFORMATION

Toxicity:

<u>Product/ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Exposure</u>
bis-[4-(2,3-epoxipropoxy)phenyl]propane	Acute LC50 1.8 mg/l Fresh Water	Daphnia-daphnia magna	48 hours
2,4,6-tris (dimethylaminomethyl) phenol	Acute LC50 175 mg/;	Fish	96 hours
Epoxy resin (MW ≤ 700)	Chronic NOEC 0.3 mg/l	Daphnia	21 days
	Acute LC50 1.8 mg/l	Daphnia	48 hours
	Chronic NOEC 0.3 mg/l	Daphnia	21 days

Persistence and degradability:

<u>Product/ingredient name</u>	<u>Test</u>	<u>Result</u>	<u>Dose</u>	<u>Inoculum</u>
Epoxy resin (MW ≤ 700)	OECD 301F	5% - 28 days	-	-

<u>Product/ingredient name</u>	<u>Aquatic Life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
bis-[4-(2,3-epoxipropoxy) phenyl]propane	-	-	Not readily
Epoxy resin (MW ≤ 700)	-	-	Not readily

Bioaccumulative potential:

<u>Product/ingredient name</u>	<u>LogP_{ow}</u>	<u>BCF</u>	<u>Potential</u>
Epoxy resin (MW ≤ 700)	3	31	low
2,4,6-tris (dimethylaminomethyl) phenol	0.219	-	low

Mobility in soil - Soil/water partition coefficient (K_{oc}): Not available.

Other adverse effects: No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

SECTION 14: TRANSPORT INFORMATION

	<u>DOT</u>	<u>IMDG</u>	<u>IATA</u>
UN Number:	Not regulated	Not regulated	Not regulated
UN Proper Shipping Name:	-	-	-
Environmental Hazard:	No	No	No
Marine Pollutant substances	Not applicable	Not applicable	Not applicable
Transport Hazard class(es)	-	-	-

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15: REGULATORY INFORMATION

U.S. Federal regulations:

United States inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304 Composition/information on ingredients: No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312:

Classification: SKIN IRRITATION – Category 2; EYE IRRITATION – Category 2A; SKIN SENSITIZATION – Category 1; CARCINOGENICITY – Category 1A; SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) – Category 3

Composition/information on ingredients:

<u>Name</u>	<u>%</u>	<u>Classification</u>
Talc, not containing asbestiform fibers	≥20 - ≤50	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Poly[oxy(methyl-1,2-ethanediyl)], α -hydro- ω -hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether	≥10 - ≤20	SKIN SENSITIZATION – Category 1B
bis-[4-(2,3-epoxipropoxy)phenyl] propane	≥5.0 - ≤10	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B
Epoxy resin (MW ≤ 700)	≥5.0 - ≤10	SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B
zinc sulphide	≥1.0 - ≤5.0	EYE IRRITATION - Category 2A SKIN SENSITIZATION - Category 1B
2,4,6-tris(dimethylaminomethyl) phenol	≤1.7	ACUTE TOXICITY (oral) - Category 4 ACUTE TOXICITY (dermal) - Category 4 SKIN CORROSION - Category 1C SERIOUS EYE DAMAGE - Category 1 SKIN SENSITIZATION - Category 1B
crystalline silica, respirable powder (<10 microns)	<1.0	CARCINOGENICITY - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

SARA 313 Form R Reporting requirements:

Product Name: zinc sulphide **CAS number:** 1314-98-3 **%:** 0.5 – 1.5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

California Prop. 65:

WARNING: Cancer – www.P65warnings.ca.gov

SECTION 16: OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

Health: 3 * Flammability: 0 Physical hazards: 0

(*) – Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on MSDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

National Fire Protection Association (U.S.A.)

Health: 3 Flammability: 0 Instability: 0

Key to abbreviations :

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973
as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

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End of SDS