

SAFETY DATA SHEET

EPOXY PUTTY- TERRACOTTA

MSDS DATE: 01/2022

SECTION 1: IDENTIFICATION

PRODUCT NAME: EPOXY PUTTY- TERRACOTTA

RECOMMENDED USE AND RESTRICTIONS ON USE

Sealant and adhesive for commercial/industrial/consumer applications

COMPANY IDENTIFICATION

Manufacturer: Protective Coatings Co
221 S Third St. Allentown, PA 18102 USA
Supplier / Distributor: Native Trails
34 Zaca Ln., San Luis Obispo, CA 93401
800-786-0862

EMERGENCY PHONE: 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION: Skin corrosion/irritation, Category 2
Serious eye damage/irritation, Category 2



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

Causes serious eye irritation.
Causes skin irritation.
May cause an allergic skin reaction

PRECAUTIONARY STATEMENTS:

PREVENTION:

Wash face, hands, and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace

RESPONSE:

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/attention
IF ON SKIN: Wash with plenty of water and soap
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention

DISPOSAL:

Dispose of contents/container to an approved waste disposal plant

APPEARANCE:

Gray stick, solid, pungent odor

OTHER HAZARDS:

Toxic to aquatic life with long lasting effects

UNKNOWN ACUTE TOXICITY:

NOTE: Acute Toxicity classifications / calculations are approximates

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL

<u>MATERIAL</u>	<u>%</u>	<u>CAS No.</u>
Talc	~ 30-60	14807-96-6
Inorganic Glass	~ 10-30	65997-17-3
Bisphenol A – Epichlorohydrin polymer	~ 10-30	25068-38-6
2,4,6-Tri(dimethylaminomethyl)phenol	~ 1-5	90-72-2
Crystalline silica	~ .1-1	14808-60-7

ADDITIONAL INFORMATION:

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE:

Provide this SDS to medical personnel for treatment.

INGESTION:

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical advice

SKIN CONTACT:

Wash with soap and water. Remove and wash contaminated clothing before reuse. Get medical attention if irritation occurs.

INHALATION:

Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.

EYE CONTACT:

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

NOTES TO PHYSICIAN:

Skin and eye conditions may be aggravated by long term exposure.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SYMPTOMS:

Causes eye irritation. Direct contact may cause temporary redness and discomfort. Causes skin irritation.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Dry chemical, CO2 or water spray.

UNSUITABLE EXTINGUISHING MEDIA:

Not determined.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Product is not flammable.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, Carbon dioxide (CO2), Aldehydes, may produce explosive hydrogen gas on contact with incompatibilities or upon thermal decomposition. Hydrogen chloride gas and chlorine,

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear positive pressure self-contained breathing apparatus (SCBA). Do not release runoff from fire control methods to sewers or waterways. NFPA Class IIIB.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS:

Wear protective gloves/protective clothing and eye/face protection. Avoid breathing vapors, mist or gas. Remove any contaminated clothing and wash thoroughly before reuse.

FOR EMERGENCY RESPONDERS:

Follow applicable OSHA regulations (29 CFR 1910.120).

ENVIRONMENTAL PRECAUTIONS

See Section 12 for additional Ecological Information.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

METHODS FOR CONTAINMENT:

Prevent further leakage or spillage if safe to do so.

METHODS FOR CLEAN-UP:

Dispose of contents/container to an approved waste disposal plant.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING:

Handle in accordance with good industrial hygiene and safety practice. Wear appropriate personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink, or smoke when using this product. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE CONDITIONS:

Keep containers tightly closed in a dry, cool, and well-ventilated place. Store contents under <90F (32C) . NFPA Class IIIB storage.

INCOMPATIBLE MATERIALS:

None known based on information supplied.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

The following information is given as general guidance

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
Talc 14807-96-6	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more;use Quartz limit	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³ containing no Asbestos and <1% Quartz respirable dust
Inorganic Glass 65997-17-3	TWA: 1 fiber/cm ³ respirable fibers: length >5 μm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m ³ inhalable particulate matter		
Crystalline silica 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 μg/m ³ TWA: 50 μg/m ³ excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m ³ respirable dust : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust

OTHER INFORMATION:

If product is sanded, appropriate respirator should be worn to avoid breathing dust. Pre-existing respiratory disorders may be aggravated by exposure. If sanded, this material may generate silica dust. Inhaled silica has been classified by IARC as a human carcinogen (see section 11).

ENGINEERING CONTROLS:

Provide general or local exhaust ventilation if product is sanded or ground.

PERSONAL PROTECTION & PPE

EYE/FACE PROTECTION:

Chemical safety goggles/face shield. Refer to 29 CFR 1910.133 for eye and face protection regulations.

SKIN AND BODY PROTECTION:

Chemical resistant protective gloves. Wear suitable protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

RESPIRATORY PROTECTION:

Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator.

GENERAL HYGIENE CONSIDERATIONS:

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Wash contaminated clothing before reuse.

SAFETY DATA SHEET

EPOXY PUTTY- TERRACOTTA

MSDS DATE: 01/2022

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

pH:

>8

MELTING POINT/ FREEZING POINT:

Not determined

BOILING POINT/ BOILING RANGE:

Not determined

EVAPORATION RATE:

Not determined

FLAMMABILITY (SOLID, GAS):

Not determined

FLAMMABILITY LIMIT IN AIR

Upper flammability or explosive limits:

Not determined

Lower flammability or explosive limits:

Not determined

VAPOR PRESSURE:

Not determined

VAPOR DENSITY:

Not determined

RELATIVE DENSITY:

1.942

WATER SOLUBILITY:

Insoluble in water

SOLUBILITY IN OTHER SOLVENTS:

Not determined

PARTITION COEFFICIENT:

Not determined

AUTOIGNITION TEMPERATURE:

Not determined

DECOMPOSITION TEMPERATURE:

>200°C (>392°F)

KINEMATIC VISCOSITY:

Not determined

DYNAMIC VISCOSITY:

Not determined

EXPLOSIVE PROPERTIES:

Not determined

OXIDIZING PROPERTIES:

Not determined

APPEARANCE AND ODOR :

Gray stick, solid, pungent odor

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:

Not reactive under normal conditions.

CHEMICAL STABILITY:

Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

None under normal processing.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization does not occur.

CONDITIONS TO AVOID:

Keep out of reach of children.

INCOMPATIBLE MATERIALS:

None known based on information supplied.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known based on information supplied.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE

EYE CONTACT:

Causes serious eye irritation.

SKIN CONTACT:

Causes skin irritation. May cause an allergic skin reaction.

INHALATION:

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

INGESTION:

May cause discomfort if swallowed.

Because of irritating and defatting properties, this material may aggravate an existing dermatitis.

COMPONENT INFORMATION

<u>CHEMICAL NAME</u>	<u>ORAL LD50</u>	<u>DERMAL LD50</u>	<u>INHALATION LC50</u>
Bisphenol A - Epichlorohydrin polymer 25068-38-6	= 11400 mg/kg (Rat)	20000 mg/kg (rabbit)	-
2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2	= 1200 mg/kg (Rat)	= 1280 mg/kg (Rat)	-

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL, AND TOXICOLOGICAL CHARACTERISTICS

SYMPTOMS: Please see section 4 of this SDS for symptoms.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM

EXPOSURE

SENSITIZATION:

May cause an allergic skin reaction.

CARCINOGENICITY:

The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested. Crystalline Silica is considered to be a human carcinogen when in respirable form (dust / powder).

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
Talc 14807-96-6		Group 3		X
Inorganic Glass 65997-17-3		Group 3		
Crystalline silica 14808-60-7	A2	Group 1	Known	X

ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS)

A2 - Suspected Human Carcinogen

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER)

Group 1 - Carcinogenic to Humans

Group 3 IARC components are "not classifiable as human carcinogens"

NTP (NATIONAL TOXICOLOGY PROGRAM)

Known - Known Carcinogen

OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE US DEPARTMENT OF LABOR)

X - Present

NUMERICAL MEASURES OF TOXICITY

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT
UNKNOWN ACUTE TOXICITY.

ORAL LD50:

21,209.30 mg/kg

DERMAL LD50:

21,209.30 mg/kg

NOTE: Acute Toxicity classifications / calculations are approximates

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:

Toxic to aquatic life with long lasting effects.

COMPONENT INFORMATION

<u>CHEMICAL NAME</u>	<u>ALGAE/AQUATIC PLANTS</u>	<u>FISH</u>	<u>Crustacea</u>
Talc 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	

PERSISTENCE/DEGRADABILITY:

Not determined.

BIOACCUMULATION:

There is no data for this product.

MOBILITY:

Not determined

OTHER ADVERSE EFFECTS:

Not determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Disposal of Wastes:

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: TRANSPORT INFORMATION

NOTE:

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT:

Not regulated

IATA:

Not regulated

IMDG:

Not regulated

SECTION 15: REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

SAFETY DATA SHEET

EPOXY PUTTY- TERRACOTTA

MSDS DATE: 01/2022

SECTION 15: REGULATORY INFORMATION (Cont.)

Chemical name	TSC A	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENC S	IECS C	KECL	PICCS	AICS
Talc	X	ACTIVE	X	X	X	X	X	X	X
Bisphenol A - Epichlorohydrin polymer	X	ACTIVE	X	X	X	X	X	X	X
Nepheline Syenite			X			X			
Inorganic Glass	X	ACTIVE	X	X	X	X	X	X	X
2,4,6-Tri(dimethylaminomethyl)phenol	X	ACTIVE	X	X	X	X	X	X	X
Crystalline silica	X	ACTIVE	X	X	X	X	X	X	X

LEGEND:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENC S - Japan Existing and New Chemical Substances

IECS C - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US STATE REGULATIONS

California Proposition 65:

This product contains the following Proposition 65 chemicals.

CHEMICAL NAME

Crystalline silica - 14808-60-7

CALIFORNIA PROPOSITION 65

Carcinogen

U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME

Talc 14807-96-6

NEW JERSEY

X

MASSACHUSETTS

X

PENNSYLVANIA

X

Crystalline silica
14808-60-7

X

X

X

SAFETY DATA SHEET

EPOXY PUTTY- TERRACOTTA

MSDS DATE: 01/2022

SECTION 16: OTHER INFORMATION

NFPA	<u>HEALTH HAZARDS</u>	<u>FLAMMABILITY</u>	<u>INSTABILITY</u>	<u>SPECIAL HAZARDS</u>
	2	1	0	Not determined
HMIS	<u>HEALTH HAZARDS</u>	<u>FLAMMABILITY</u>	<u>PHYSICAL HAZARDS</u>	<u>PERSONAL PROTECTION</u>
	2	1	0	B-Safety Glasses, Gloves

DISCLAIMER:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.