

SAFETY DATA SHEET

EPOXY SEALER PART A

MSDS DATE: 01/2022

SECTION 1: IDENTIFICATION

PRODUCT NAME: EPOXY SEALER PART A
CHEMICAL FAMILY : Mixture
FORMULA : See Section 3
MOLECULAR WEIGHT : (Mixture)

RECOMMENDED USE AND RESTRICTIONS ON USE

Guard/Sealer/Coating for commercial/industrial/consumer applications

COMPANY IDENTIFICATION

Manufacturer: ATG Labs
1407 Grand Avenue, Columbia, MO 65203
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 LABEL ELEMENTS: Not classified as dangerous

SIGNAL WORD: IRRITANT

May cause skin irritation
May cause eye irritation
Ingestion may cause gastrointestinal irritation.
Inhalation may cause irritation to mucous membranes and respiratory tract



OTHER CLASSIFICATIONS:

HMIS Hazard Rating: Health 1 Fire 1 Reactivity 0
NFPA Rating: Health 1 CHRONIC EFFECT Fire 1 Reactivity 0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	%	CAS No.	TLV (Units)	HAZARD
Modified Bisphenol A-ECH Epoxy Resin	~40.0	Trade Secret	None Established	See Section 5
Modified Bisphenol A Epoxy Resin	~1.0	Trade Secret	None Established	See Section 5
Liquid Epoxy Resin	~2.0	2671-45-5	None Established	See Section 5
Propisol Glycol Ethers	~17.7	Trade Secret	None Established	See Section 5
Surfactant Blend	~3.0	Trade Secret	None Established	See Section 5
Ethyltriethoxysilane	~1.0	10217-34-2	None Established	See Section 5
Fumed Silica	~1.0	N/A	None Established	See Section 5
Water	~59	7732-18-5	N/A	N/A

SECTION 4: FIRST AID MEASURES

INGESTION:

Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Obtain medical attention

INHALATION:

Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention

EYE CONTACT:

Immediately flush eyes thoroughly with water and continue washing for at least 15 minutes. Obtain medical attention, preferably from an ophthalmologist.

SKIN CONTACT:

Remove contaminated clothing and wash skin with soap and water for 15 minutes. Wash clothing before reuse. Discard contaminated leather articles.

NOTES TO PHYSICIAN:

If more than 2.0 mls per KG has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

SAFETY DATA SHEET

EPOXY SEALER PART A

MSDS DATE: 01/2022

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT (test methods): Pensky Martins closed cup

>200° F

FLAMMABLE LIMITS IN AIR, by volume:

LOWER: Not applicable (low volatility aqueous system)

UPPER: Not applicable (low volatility aqueous system)

EXTINGUISHING MEDIA:

Non-flammable (aqueous system): Use water fog, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:

Use a positive pressure, NIOSH approved self-contained positive pressure breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Emits mildly toxic fumes under fire conditions. No CN radicals in composition

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Collect large spills into suitable container. Wipe small spills with absorbent material.

WASTE DISPOSAL METHOD:

Dispose of or incinerate in accordance with appropriate federal, state, and local regulations. This is not a haz waste under RCRA [40 CFR 261]

SECTION 7: HANDLING AND STORAGE

WARNING:

Causes eye and skin irritation. Avoid contact with eyes, skin and clothing. Do not swallow. Wash thoroughly after handling. Keep out of reach of children.

FOR INDUSTRY USE ONLY

OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV AND SOURCE:

Fumed Silica content is classified as non-hazardous under OSHA regulations; and inhalation is not applicable in formulated use.

EFFECTS OF SINGLE OVEREXPOSURE:

INGESTION:

Product may be moderately toxic and may be harmful if swallowed. May cause damage to red blood cells.

SKIN ABSORPTION:

No evidence of adverse effects from available information.

INHALATION:

Not expected to be relevant exposure route but mist could cause respiratory tract sensitization and/or irritation. May be harmful to red blood cells if inhaled.

SKIN CONTACT:

Brief contact is not irritating

EYE CONTACT:

May be severely irritating to eyes. May cause corneal damage.

EFFECTS OF REPEATED OVEREXPOSURE:

Prolonged direct skin contact may cause defatting and drying of the skin and may result in irritation and dermatitis. If absorbed through skin, may cause red blood cell damage.

OTHER EFFECTS OF OVEREXPOSURE:

None currently known.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Preexisting eye, skin and respiratory disorders.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:

None

SAFETY DATA SHEET

EPOXY SEALER PART A

MSDS DATE: 01/2022

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION (Cont.)

PERSONAL PROTECTION & PPE

RESPIRATORY PROTECTION: (specify type):

None expected to be needed when rolled or brushed. NIOSH organic approved suggested for vapor

VENTILATION:

Use local exhaust ventilation

PROTECTIVE GLOVES:

Chemical resistant gloves when handling

EYE PROTECTION:

Safety glasses

OTHER PROTECTIVE EQUIPMENT:

Eye bath

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT :

~250° F

SPECIFIC GRAVITY (H2O = 1) :

~1.07

FREEZING POINT :

~ 0° C

VAPOR PRESSURE AT 20°C:

<20.0°

VAPOR DENSITY AT ONE ATM, 20° (air = 1)

<1

EVAPORATION RATE AT 20° C (but acet. = 1) :

<1

SOLUBILITY IN WATER by wt :

Miscible

APPEARANCE AND ODOR :

Opaque white liquid with mild odor

pH:

7.2 typical

V.O.C. (g/l) :

130 g/L No CFC's. Never used neat (as is). Used only with Epoxy Top Coat Part B for a catalyzed end-result of 97.5 g/L

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (materials to avoid):

Avoid strong oxidizing agents, mineral acids, and strong mineral and organic bases

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

None expected

HAZARDOUS POLYMERIZATION:

Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: (effects of single overexposure)

INGESTION:

May cause gastrointestinal irritation. Ammonia, although contained in minute concentration, must be noted as toxic by ingestion. LD50, Oral-rat: 10,000 mg/Kg. based on data from components or similar materials.

SKIN ABSORPTION:

Not expected to be a primary skin irritant

SAFETY DATA SHEET

EPOXY SEALER PART A

MSDS DATE: 01/2022

SECTION 11: TOXICOLOGICAL INFORMATION (Cont.)

INHALATION:

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

EYE CONTACT:

May cause eye irritation. Vapors may cause irritation.

SKIN CONTACT:

Brief contact is not irritating. Prolonged contact, as from clothing wet with material, may cause irritation.

CHRONIC TOXICITY: (effects of repeated exposure)

Overexposure to vapors or mist may cause dizziness, headache, nausea, and/or flu-like symptoms

OTHER EFFECTS OF OVEREXPOSURE:

No data available to indicate product or components may be a skin or respiratory sensitizer.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Pre-existing skin conditions may be aggravated by prolonged or repeated exposure. Persons with sensitive airways (e.g. asthmatics) may react to vapors.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:

None currently known.

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY:

None determined

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Dispose of or incinerate in accordance with appropriate federal, state, and local regulations. This is not a haz waste under RCRA [40 CFR 261]

SECTION 14: TRANSPORT INFORMATION

Not regulated:

ICAO/IATA I and II; U.S. DOT (Bulk, Intermediate and Non-Bulk), Canada, Mexico

Not applicable:

IMDG, IMDG EMS Fire and EMS Spill; U.S. DOT NAERG (Bulk, Intermediate and Non-Bulk)

SECTION 15: REGULATORY INFORMATION

STATUS ON SUBSTANCE LISTS:

Concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations.

FEDERAL EPA

CERCLA:

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are: **None**

SARA 302, 304, 311 and 312:

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TRQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355.

Components present in this product at a level which could require reporting under the statute are: **None**

SARA 313:

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: **None**

SAFETY DATA SHEET

EPOXY SEALER PART A

MSDS DATE: 01/2022

SECTION 15: REGULATORY INFORMATION (Cont.)

STATE RIGHT-TO-KNOW:

CALIFORNIA Proposition 65:

This product contains no levels of listed substances, which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute.

MASSACHUSETTS 105 CMR 670.000 Right-to-know, Substance List (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are: **None**

PENNSYLVANIA Right-to-Know, Hazardous Substance List

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products.

Components present in this product at a level which could require reporting under the statute are: **None**

TSCA INVENTORY STATUS:

The ingredients of this product listed on the EPA/TSCA inventory.

OTHER REGULATORY INFORMATION:

EPA Hazard Categories: **IMMEDIATE HEALTH HAZARD, DELAYED HEALTH HAZARD.**

SECTION 16: OTHER INFORMATION

The information contained in this Safety Data Sheet is offered in good faith as typical values and not as product specification(s); and is accurate and current to the best of Native Trail's Inc. knowledge. No warranty, expressed or implied is made. Information is offered solely for recipient's consideration, investigation and verification and should be reviewed by recipient in the context of intended product use. Buyer/user/recipient assumes the risk in use of the Material; and it is the responsibility of said entity(ies) to determine the suitability and completeness of information; to ensure proper use, and safety/health; and to determine that use is in accordance with applicable federal, state and local laws and regulations.