



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **CYPLY**
 Identity: Epoxy
 Description: Cured Epoxy / fiberglass panel

SUPPLIER

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COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered like an article.

HAZARDOUS INGREDIENTS

Component	CAS No.	%	GHS classification	Carcinogen
Glass, Oxide, chemicals	65997-17-3	60 – 70	Not classified	--

The specific chemical identity and/or exact percentage of composition for one or more ingredients has been withheld as a trade secret.

Additional GSH classification or other information may included in the section has not adopted by OSHA.

HAZARDS IDENTIFICATION

GHS Classification: Not Classified
 Label Elements: Not applicable
 Precautionary statements: Not applicable
 Hazards not otherwise Classified (HNOC), other Hazards: Not applicable

PHYSICAL AND CHEMICAL PROPERTIES

Color:	Pale Yellow
Appearance:	Solid
Odor:	None
Boiling Point:	Not applicable
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Specific Gravity:	Not available
Vapour Density:	Not applicable
Percent Volatile (by Wt.):	Not applicable
pH:	Not applicable
Saturation in Air (% by Vol.):	Not applicable
Evaporation Rate:	Not applicable
Solubility in Water:	Insoluble
Volatile Organic Content:	No EPA VOC's
Flash Point:	Not applicable
Flammable Limits (% by Vol.):	Not applicable
Autoignition Temperature:	Not available
Decomposition Temperature:	Not available

Partition coefficient (n-octanol/water): Not applicable
Odor Threshold: Not available
Viscosity: Not applicable

DUST HAZARD INFORMATION

Particle size (microns): Not applicable
Kst (bar-m/sec): Not applicable
Maximum explosion pressure (Pmax): Not applicable
Dust class: Not applicable
Minimum ignition energy (MIE) (mJ): Not applicable
Minimum Ignition temperature (MIT) (°C) : Not applicable
Minimum explosive concentration (MEC) (g/m³) : Not applicable
Limiting oxygen concentration (LOC) (%) : Not applicable

FIRE –FIGHTING MEASURES

Extinguishing Media: Use water spray or fog, carbon dioxide or dry chemical.
Extinguishing Media to Avoid: Full water jet.
Protective Equipment: Fire-fighters, and others exposed, wear self-contained breathing apparatus.
Special Hazards: None know.

STABILITY AND REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None known
Polymerization: Will not occur
Conditions to Avoid: None Known
Materials to Avoid: Strong acids, bases, oxidizing agents.
Hazardous Decomposition Products: Hydrocarbons, oxides of carbon, oxides of nitrogen

FIRST AID MEASURES

Skin Contact: Material is not expected to be harmful by skin contact. In case of skin contact, wash affected areas of skin with soap and water.
Eye Contact: Not an expected route of exposure.
Inhalation: Not an expected route of exposure.
Ingestion: Not an expected route of exposure.

Most important symptoms and effects, both acute and delayed: Not applicable
Indication of any immediate attention and special treatment needs: Not applicable

TOXICOLOGICAL/ECOLOGICAL INFORMATION

Toxicological: Acute toxicity data:
Oral (gavage) rat acute LD50 Not an expected route of exp.
Dermal rabbit acute LD50 >2000 mg / kg
Inhalation rat acute LD50 4hr Not an expected route of exp.

Local effects on skin:
Acute irritation skin Not irritating
Acute irritation eye Not an expected route of exp.

Allergic sensitization:
Sensitization skin Not sensitizing
Sensitization respiratory Not an expected route of exp.

Genotoxicity:
Assays for Gene Mutations No date

Glass oxide is considered a nuisance particulate which will not cause adverse health effects other than respiratory congestion or irritation.

Ecological: Environmental exposures from substances of this preparation are limited due to the physical form of the product. This material is not classified as dangerous for the environment.

ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to *section Exposure Controls/Personal Protection* for appropriate personal protective equipment.

Methods for cleaning up: Sweep up into containers for disposal. Flush spill area with water.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Engineering controls are not usually necessary if good hygiene practices are followed.

Respiratory Protection: None recommended

Eye Protection: Wear eye/face protection.

Skin Protection: Avoid skin contact. Wear impermeable gloves.

Additional Advice: Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.

Hand protection: Wear impermeable gloves. Consider the porosity and elasticity data of the glove manufacture and the specific conditions in the work place.

Exposure Limit(s):

The bellow constituents are the only constituents of the products with have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no know exposure limits.

65997-17-3 Glass Oxide, chemicals

OSHA (PEL): Not Established

ACGIH (TLV): 1 f/cc respirable fibers (TWA)

5 mg/m³ inhalable fraction (TWA)

Other Value: Not Established

HANDLING AND STORAGE

Handling: Precautions: None

Special Handling Statements: None

Storage: Storage Temperature: Room temperature

Store in accordance with local, state, and federal regulations.

DISPOSAL CONSIDERATIONS

The information on RCRA waste classification and disposal methodology provided below applies only to the Cytec product as supplied. If the material has been altered or contaminated, or it has exceeded its recommended shelf life, the guidance may be inapplicable. Hazardous waste classification under federal regulations (40 CFR Part 261 at seq) is dependent upon whether a material is a RCRA listed hazardous waste or has any of the four RCRA hazardous waste characteristics. Refer to 40 CFR Part.33 to determine if a given material to be disposed of is a RCRA listed hazardous waste; information contained in *Section Regulatory Information* of this MSDS is not intended to indicate if the product is a listed hazardous waste. RCRA Hazardous Waste Characteristics: there are four characteristics defined in 40 CFR Section 261.21-61.24: Ignitability, Corrosivity, reactivity and Toxicity. To determine Ignitability, see *Section Physical and Chemical Properties* of this MSDS (flash point). For Corrosivity, see *Section Physical and Chemical Properties* and *Section Transport Information* (pH and DOT corrosivity). For Reactivity, see *Section Stability and Reactivity* (incompatible materials). For Toxicity, see *Section Composition/Information on Ingredients* (composition). Federal regulations are subject to change. State and local requirements, which may differ from or be more stringent than the federal regulations, may also apply to the classification of the material if it is to be disposed. Cytec encourages the recycle, recovery and reuse of

materials, where permitted as an alternate to disposal as a waste. Cytec recommends that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities. Cytec has provided the foregoing for information only; the person generating the waste is responsible for determining the waste classification and disposal method.

TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

US Dot:	Not applicable/Not regulated
Transport Canada:	Not applicable/Not regulated
ICAO / IATA:	Not applicable/Not regulated
IMO:	Not applicable/Not regulated

REGULATORY INFORMATION

Inventory information:

United States (USA):	All components of this product are include on the TSCA Chemical Inventory or are not required to be listed on the TSCA Chemical Inventory.
Canada:	All components of this product are include on the Domestic Substances list (DSL) or are not required to Regulation (EC) No.1907/2006
European Economic Area:	This product is an article that does not intentionally release substances under normal conditions of use and is therefore exempt from the registration requirement under the REACH Regulation (EC) No. 1907/2006
Australia:	All components of these products are include in the Australian Inventory of Chemical Substances (AICS) or are not required to be listed on AICS.
China:	All components of these products are included on the Chinese inventory or are not required to be listed on the Chinese inventory.
Japan:	All components of this product are include on the Japanese (ENCS) inventory or are not required to be listed on the Japanese inventory
Korea:	All components of this product are included on the Korea (ECL) inventory or are not requires to be listed on the Korea inventory
Philippines:	All components of this product are include on the Philippine (PICCS) inventory or are not required to be listed on the Philippine inventory.

Other environmental information: The following components of this product may be subject to reporting requirements pursuant to Section 313 of CERCLA (40 CFR 372), Section 12 (b) of TSCA, or may be subject to release reporting requirements (40 CFR 307, 40 CFR 311, etc.) See *section Disposal Considerations* for information on waste classification and waste disposal of this product.

This product does not contain any components regulated under these sections of the EPA.

Product Hazards classification under section 311 of SARA: Not applicable

OTHER INFORMATION

NFPA Hazard Rating (National Fire Protection Association)

Health: 1 – Materials that, under emergency conditions, can cause signification irritation.

Fire: 1 – Materials that must be preheated before ignition can occur.

Instability: 0 – Materials that in themselves are normally stable, even under fire exposure conditions.

The information provided in this Health & Safety Data Sheet is based on our current knowledge. While the information and recommendations set forth herein are believed to be accurate, Industries 3R takes no warranty with respect thereto and disclaims all liability in reliance thereon. We recommend testing according to local conditions. The specifications are subject to change without notice.