

SAFETY DATA SHEET

Epoxy.com Product #3671 Part B - Regular Cure

Water-Based Conductive Epoxy Primer

Epoxy.com SDS Version: 1.0	Preparation Date: October 8, 2026
Supplier SDS Basis: 534 RCB, Version 1.0	Supplier Revision Date: June 15, 2022

1. IDENTIFICATION

Product Name	Epoxy.com Product #3671 Part B - Regular Cure
Product Description	Water-Based Conductive Epoxy Primer - Part B, Regular Cure
Recommended Use	Regular-cure curative component for Epoxy.com Product #3671 conductive epoxy primer used in ESD and conductive resinous flooring systems.
Restrictions on Use	Not known.

Supplier / Distributor

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2. HAZARD(S) IDENTIFICATION

Hazard Classification

Hazard	Classification
Serious Eye Damage / Eye Irritation	Category 1
Skin Sensitization	Category 1
Carcinogenicity	Category 1A

Unknown Toxicity - Health

Route	Unknown Toxicity
Acute toxicity, oral	24.67%
Acute toxicity, dermal	34.78%
Acute toxicity, inhalation, vapor	41.35%
Acute toxicity, inhalation, dust or mist	41.35%

GHS Label Elements

Hazard Symbol:



Signal Word: DANGER

Hazard Statements

Causes serious eye damage.

May cause an allergic skin reaction.

May cause cancer.

Precautionary Statements - Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

Response

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label).

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

IF exposed or concerned: Get medical advice/attention.

Storage

Store locked up.

Disposal

Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Hazards Not Otherwise Classified (HNOC)

None.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

Chemical Identity	CAS Number	Content (% by weight)
Not disclosed in supplier SDS	Not stated	20 - <50%
Carbon Black	1333-86-4	5 - <10%
Tetraethylene pentamine	112-57-2	0.1 - <1%

The supplier SDS includes a 20 - <50% component entry without providing the chemical identity or CAS number. All concentrations are percent by weight unless the ingredient is a gas.

4. FIRST-AID MEASURES

Inhalation

Move to fresh air.

Skin Contact

If skin irritation occurs: Get medical advice/attention. Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye Contact

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Ingestion

Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

Personal Protection for First-Aid Responders

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Most Important Symptoms / Effects

Extreme irritation of eyes and mucous membranes, including burning and tearing.

Indication of Immediate Medical Attention / Special Treatment

Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES

General Fire Hazards

No unusual fire or explosion hazards noted.

Suitable Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific Hazards Arising from the Chemical

During fire, gases hazardous to health may be formed.

Special Protective Equipment for Firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions / Emergency Procedures**

See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

Accidental Release Measures

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Methods and Material for Containment and Cleanup

Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Environmental Precautions

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE**Technical Measures / Ventilation**

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Safe Handling Advice

Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Do not get in eyes. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Contact Avoidance Measures

No data available.

Hygiene Measures

Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not get in eyes. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

Storage

Store locked up. Safe packaging materials: no data available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Occupational Exposure Limits**

Chemical / Fraction	Type	Exposure Limit	Source
Carbon Black	PEL	3.5 mg/m ³	U.S. OSHA Table Z-1
Carbon Black - inhalable fraction	TWA	3 mg/m ³	ACGIH TLV
Carbon Black - respirable fraction	TWA	5 mg/m ³	U.S. OSHA Table Z-3
Carbon Black	TWA	15 million particles/ft ³	U.S. OSHA Table Z-3
Carbon Black - total dust	TWA	50 million particles/ft ³	U.S. OSHA Table Z-3
Carbon Black	TWA	15 mg/m ³	U.S. OSHA Table Z-3
Carbon Black - inhalable	TWA	3 mg/m ³	Canada BC OEL
Carbon Black - inhalable fraction	TWA	3 mg/m ³	Canada Ontario OEL
Carbon Black - inhalable dust	TWA	3 mg/m ³	Canada Quebec OEL

Appropriate Engineering Controls

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

Eye / Face Protection

Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield.

Hand Protection

Use suitable protective gloves if risk of skin contact.

Skin and Body Protection

Wear chemical-resistant gloves, footwear and protective clothing appropriate for the risk of exposure. Contact a health and safety professional or manufacturer for specific information.

Respiratory Protection

In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene Measures

Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product. Do not get in eyes. Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Form	Liquid
Color	Milky white
Odor	Mild pungent
Odor threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate	Slower than ether
Flammability (solid, gas)	No
Flammability limit - upper	No data available
Flammability limit - lower	No data available
Explosive limit - upper	No data available
Explosive limit - lower	No data available
Vapor pressure	No data available
Vapor density	Vapors are heavier than air and may travel along the floor and in the bottom of containers.
Relative density	1.095
Solubility in water	Insoluble in water
Solubility (other)	No data available
Partition coefficient (n-octanol/water)	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Material is stable under normal conditions.

Possibility of Hazardous Reactions

No data available.

Conditions to Avoid

Avoid heat or contamination.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION**Likely Routes of Exposure**

Inhalation: In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.

Skin Contact: Causes mild skin irritation. May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: May be ingested by accident. Ingestion may cause irritation and malaise.

Acute Toxicity

Oral: Product not classified for acute toxicity based on available data.

Dermal: Product not classified for acute toxicity based on available data.

Inhalation: Product not classified for acute toxicity based on available data.

Specified Substance Data

Substance	Available Data
Carbon Black	Oral LD50 (Rat): >8,000 mg/kg. Rabbit skin: not irritant, 120 h. Rabbit eye: not irritant, 24-72 h.
Tetraethylene pentamine	Oral LD50 (Rat): 2.1 g/kg.

Carcinogenicity

Supplier SDS states for the product: **Suspected of causing cancer.** The supplier SDS also lists Carbon Black as 'Possibly carcinogenic to humans' under IARC and 'Known To Be Human Carcinogen' under its NTP entry. OSHA specifically regulated substances: no carcinogenic components identified.

Germ Cell Mutagenicity

No product data available.

Reproductive Toxicity

No product data available.

Specific Target Organ Toxicity - Single Exposure

No product data available.

Specific Target Organ Toxicity - Repeated Exposure

No product data available.

Aspiration Hazard

No product data available.

Other Effects

No data available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Product-specific acute and chronic aquatic toxicity data: no data available.

Specified Substance Data

Carbon Black: LC50 (Daphnia sp., 48 h): 164 mg/L, QSAR, key study. EC50 (Daphnia sp.): 4.9 mg/L, QSAR, key study.

Persistence and Degradability

No product data available.

BOD / COD Ratio

No product data available.

Bioaccumulative Potential

No product BCF data available.

Partition Coefficient

Product: no data available. Tetraethylene pentamine Log Kow: 1.503.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations and product characteristics at the time of disposal. Contaminated packaging: no data available.

14. TRANSPORT INFORMATION

Mode	Status
TDG	Not Regulated
CFR / DOT	Not Regulated
IMDG	Not Regulated

Further Information: The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

15. REGULATORY INFORMATION**U.S. Federal Regulations**

TSCA Section 12(b) Export Notification: None present or none present in regulated quantities.

TSCA Section 5(a)(2) SNURs: None present or none present in regulated quantities.

OSHA Specifically Regulated Substances

Crystalline Silica (Quartz) / Silica Sand: kidney effects; lung effects; immune system effects; cancer.

Ethylene oxide: reproductive toxicity; mutagenicity; eye irritation; respiratory tract irritation; skin irritation; flammability; skin sensitization; acute toxicity; cancer; central nervous system.

CERCLA Hazardous Substance List

p-Dioxane: 100 lb reportable quantity.

Ethylene oxide: 10 lb reportable quantity.

SARA Hazard Categories

Immediate (Acute) Health Hazards; Delayed (Chronic) Health Hazard; Serious eye damage or eye irritation; Respiratory or Skin Sensitization; Carcinogenicity.

EPCRA / SARA

Section 304 / CERCLA Extremely Hazardous Substances: Not regulated.

Section 313 Toxic Chemical Release Inventory: Not regulated.

Clean Air Act Section 112(r)

Supplier SDS lists Ethylene oxide in this table, but the reportable-quantity number is not stated in the supplied SDS.

Clean Water Act Section 311

None present or none present in regulated quantities.

California Proposition 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

New Jersey Worker and Community Right-to-Know

Water; Carbon Black; supplier proprietary WHMIS trade-secret entry; Tetraethylene pentamine.

Massachusetts / Pennsylvania / Rhode Island Right-to-Know

Carbon Black.

International Regulations

Montreal Protocol: Not applicable. Stockholm Convention: Not applicable. Rotterdam Convention: Not applicable. Kyoto Protocol: Not applicable.

VOC

When appropriately mixed with the other part, product has a regulatory VOC less water and exempt solvent of **<5 g/L**. VOC Method 310: **0.00%**.

Inventory Status

Supplier SDS states that **all components are listed on or exempt from the U.S. TSCA Inventory**. It states that one or more components are not listed on or exempt from the inventories cited for Australia, Canada DSL/NDSL, Ontario, China, Japan, Korea, Mexico, New Zealand, Philippines, Taiwan, Switzerland, Thailand, Vietnam, and EINECS/ELINCS/NLP.

16. OTHER INFORMATION

Epoxy.com SDS Version: 1.0

Preparation Date: October 8, 2026

Source Technical Basis: Supplier Safety Data Sheet for Key Water Based Conductive Primer - Part B, Material 534 RCB, Version 1.0, Revision Date June 15, 2022.

Intended Use

For industrial and professional use. Keep out of reach of children.

Disclaimer

The information contained in this Safety Data Sheet is based upon information supplied by the product manufacturer and believed to be accurate as of the date of preparation. It is provided for the purpose of describing the product with respect to health, safety and environmental requirements. Users are responsible for determining the suitability of this information for their particular application and for complying with applicable federal, state and local laws and regulations. Conditions of handling, storage, use and disposal are beyond the control of Epoxy Systems, Inc. Accordingly, Epoxy Systems, Inc. assumes no responsibility for loss, damage or expense arising from improper handling, storage, use or disposal of this product.

END OF SAFETY DATA SHEET