



SAFETY DATA SHEET

EPO-TEK OG198-54

1. IDENTIFICATION

<u>Product Name</u>	EPO-TEK OG198-54
<u>Product No.</u>	EPO-TEK OG198-54
<u>Identified uses</u>	Adhesive.
<u>Supplier</u>	Epoxy Technology, Inc. 14 Fortune Drive Billerica, MA 01821 USA www.epotek.com (978) 667-3805 (978) 663-9782
<u>Emergency Telephone</u>	(800) 255-3924

2. HAZARD(S) IDENTIFICATION

<u>Appearance</u>	Liquid
<u>Color</u>	Clear/Colourless.
<u>Odor</u>	Slight odor.
<u>GHS Pictogram</u>	



<u>Signal Word</u>	Warning
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Hazard Statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H361d	CLP only - Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P501	Dispose of contents/container in accordance with local regulations.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Skin Sens. 1 - H317; Repr. 2 - H361d; STOT RE 2 - H373
Environment	Not classified.

General Information

Possible reproductive impact.

Inhalation

In high concentrations, vapors may irritate throat and respiratory system and cause coughing.

Ingestion

May cause discomfort if swallowed.

Skin Contact

May cause sensitization by skin contact. Irritating to skin.

Eye Contact

May cause temporary eye irritation.

Health Warnings

Prolonged exposure to the preparation may cause serious health effects.

Target Organs

Liver

3. COMPOSITION/INFORMATION ON INGREDIENTS

Epoxy Resin	30-60%
CAS No.: Proprietary	EC No.: Proprietary
GHS Classification Skin Sens. 1 - H317	
Reactive Diluent	30-60%
CAS No.: Proprietary	EC No.: Proprietary
GHS Classification Skin Irrit. 2 - H315; Repr. 2 - H361d; STOT RE 2 - H373	

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

Skin Contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

Ingestion

May cause discomfort if swallowed.

Skin Contact

Skin irritation. Allergic rash.

Eye Contact

May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

Treat Symptomatically.

5. FIRE-FIGHTING MEASURES

Flash point (°C) >93

Extinguishing Media

Fire can be extinguished using: Dry chemicals. Foam. Carbon dioxide (CO₂).

Hazardous combustion products

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

Unusual Fire & Explosion Hazards

May travel considerable distance to source of ignition and flash back.

Special Fire Fighting Procedures

Water spray should be used to cool containers.

Protective Equipment For Fire-Fighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear protective clothing as described in Section 8 of this material safety data sheet.

Environmental Precautions

Avoid release to the environment.

Spill Clean Up Methods

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

Reference to other sections

For personal protection, see section 8.

7. HANDLING AND STORAGE

Handling

Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Avoid inhalation of vapors. Avoid spilling, skin and eye contact. Provide good ventilation.

Storage

Store in a refrigerator. Keep container tightly sealed when not in use. Protect from freezing and direct sunlight. Keep away from heat, sparks and open flame. Store away from: Acids. Alkalis.

Storage Class

Chemical storage.

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment



Engineering Measures

Provide adequate ventilation.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Use protective gloves made of: Impermeable material.

Eye Protection

Wear goggles/face shield.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or

smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance</u>	Liquid
<u>Color</u>	Clear Colourless.
<u>Odor</u>	Slight odor.
<u>Evaporation rate</u>	<BuAc
<u>Flash point (°C)</u>	>93
Not available.	

10. STABILITY AND REACTIVITY

Reactivity

Reaction with: Acids. Alkalis.

Stability

Stable under normal temperature conditions.

Hazardous Polymerisation

Will not occur.

Conditions To Avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid contact with acids and alkalis.

Materials To Avoid

Strong acids. Strong alkalis.

Hazardous Decomposition Products

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

Toxicological information

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

Acute Fish Toxicity

Not considered toxic to fish.

Degradability

No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Other adverse effects

Not known.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

<u>General</u>	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).
<u>Road Transport Notes</u>	Not Classified
<u>Rail Transport Notes</u>	Not classified.
<u>Sea Transport Notes</u>	Not classified.
<u>Air Transport Notes</u>	Not classified.
<u>Transport Labels</u>	No transport warning sign required.

Environmentally Hazardous Substance/Marine Pollutant

No.

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code Notes

Not applicable.

15. REGULATORY INFORMATION

US Federal RegulationsSARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients listed.

CAA Accidental Release Prevention

None of the ingredients are listed.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed.

US State RegulationsCalifornia Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed.

Massachusetts "Right To Know" List

None of the ingredients are listed.

Rhode Island "Right To Know" List

None of the ingredients are listed.

Minnesota "Right To Know" List

None of the ingredients are listed.

New Jersey "Right To Know" List

None of the ingredients are listed.

Pennsylvania "Right To Know" List

None of the ingredients are listed.

International InventoriesEU - EINECS/ELINCS

At least one ingredient is not listed.

Canada – DSL/NDSL

At least one ingredient is not listed.

US - TSCA

At least one ingredient is not listed.

US – TSCA 12(b) Export Notification

None of the ingredients are listed.

Australia - AICS

At least one ingredient is not listed.

Japan – MITI

At least one ingredient is not listed.

Korea - KECI

At least one ingredient is not listed.

China - IECSC

At least one ingredient is not listed.

Philippines – PICCS

At least one ingredient is not listed.

16. OTHER INFORMATION

Revision Date 18 June 2014

Revision 1

Disclaimer

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