

Section 1 ~ Identification

Identity (As Used On Label and List) B5140 P.P.P.	Date Prepared: 04-22-2015
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

GHS Classifications

Skin Irritant Category 2

Label Elements



Signal Word: Warning!

Hazard Statement(s)

H317 Prolonged exposure may cause an allergic skin reaction.

Precautionary Statement

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+313 If skin irritation/rash occurs, get medical attention.
P501 Dispose of contents/container in accordance with local/regional/national and intl regulations.

Section 3 ~ Composition/Information on Ingredients

Chemical Name/Family Epoxy
Common Names/Synonyms Epoxy Resin, Epoxy Coating, Novolac Epoxy, Two-part Epoxy

CAS Numbers and Other Identifiers

Resin
DGEBA – Epoxy Resin CAS# 25068-38-6 30%-40%
OSHA/PEL – NE
ACGIH/TLV -NE
DGEBF – Epoxy Resin CAS#28064-14-4 10%-20%
TALC – CAS#14807-96-6 5%-10%
OSHA/PEL – 2mg /m3
ACGIH/TLV – 2mg/m3
Titanium Dioxide – CAS# 13463-67-7 1%-5%
OSHA/PEL – 5mg/mg3
ACGIH/TLV – 10mg/mg3
Mica – CAS# 12001-26-2 2%-5%
OSHA/PEL – 20Mppcf
ACGIH/TLV – 3mg/m3
Crystalline Silica (ceramic microspheres) CAS# 68402-68-4 20%-40%
OSHA/PEL – 15mg/m3
ACGIH/TLV – 10mg/m3

Hardener
Modified Polyamidoamine CAS# mixture 20%-30%
OSHA/PEL NE
ACGIH/TLV NE
Polyamide CAS# mixture 60%-80%
OSHA/PEL NE
ACGIH/TLV NE

Trade Secret Claim

Please note that the exact concentration of each chemical contained in the product has been withheld as the exact formula needs to remain a trade secret.

Section 4 ~ First Aid Measures

Description of First-Aid Measures for Specific Exposure:

For Ingestion: Resin - If large amounts are ingested, induce vomiting if conscious.

Hardener - Call physician immediately. Give generous amounts of water if conscious. Do not induce vomiting.

For Skin Exposure: Resin - Promptly wash with mild soap and water.

Hardener - Promptly wash with mild soap and water.

For Inhalation: Resin - Remove to fresh air. Give oxygen if breathing is difficult.

Hardener - Remove to fresh air. Give oxygen if breathing is difficult.

For Eye Exposure: Resin - Immediately flush eyes with water for 15 minutes. Call physician.

Hardener - Immediately flush eyes with water for 15 minutes. Call physician.

Description of Overexposure Symptoms and Effects: Overexposure to this material can cause chemical burns to the skin and eyes and inhalation of vapors can cause severe respiratory irritation. Can cause allergic skin and respiratory reactions. Can have effects on the nervous system evidenced by central nervous system depression, tremors, paralysis, diarrhea and vasodilation. May also cause headache, nausea and dizziness.

Medical Conditions Aggravated by Exposure: Allergy, eczema or skin conditions.

Additional Information: Promptly remove wet contaminated non-imperious clothing, wash before reuse. Destroy contaminated leather and absorbent shoes.

Section 5 ~ Fire Fighting Measures

Flash Point: Resin: 300 °F (149 °C) Hardener: 200 °F (93 °C)

Flash Point Method Used: Closed cup.

Fire Fighting Extinguishing Media: Carbon Dioxide, foam, dry chemical.

Special Equipment and Precautions for Fire-Fighters: Use a self-contained breathing apparatus Decomposition and combustion products may be toxic.

Section 6 ~ Accidental Release Measures

Steps to be taken if material is spilled:

Resin Shovel into closeable container for disposal.

Hardener Absorb into sand or other absorbent material. Shovel into closeable container and dispose of in professional manner.

Section 7 ~ Handling and Storage

Handling Precautions: Do not get in eyes, on skin, on clothing. Do not breathe vapor, mist or spray. Use only with adequate ventilation. Individuals should wash thoroughly after handling. For industrial use only.

Storage Information: Keep away from heat, sparks and open flame. Ground and bond metal containers for liquid transfer to avoid static sparks. Store at temperatures between 2°C and 40°C in tightly closed containers in dry area to prevent moisture and carbon dioxide contamination.

Section 8 ~ Exposure Controls/Personal Protection

Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL): N/A

ACGIH Threshold Limit Value (TLV): N/A

Personal Protective Equipment: Wear protective equipment to prevent exposure and personal contact.

Skin Protection: Impervious gloves

Eye Protection: Splash-proof chemical goggles.

Appropriate Engineering Controls: Good general mechanical ventilation and local exhaust.

Section 9 ~ Physical and Chemical Properties

	Resin	Hardener
Appearance:	Grey	Reddish Brown
Odor:	None	Slight sweet odor
Physical State:	Liquid	Liquid
pH:	ca 5	ca 10
Melting Point:	0°F (-18°C)	0°F (-18°C)
Density:	1.41	0.97
Solubility in Water (% by weight):	Negligible	Negligible

Section 10 ~ Stability and Reactivity

Stability: Stable.

Reactivity: Non Reactive.

Incompatible Materials: Strong acids, oxidizers and bases.

Hazardous Decomposition Products:

Resin: Carbon Monoxide, Carbon Dioxide, Phenolics

Hardener: Carbon Monoxide, Carbon Dioxide, Phenolic Nitrogen Oxides and Compounds

Hazardous Polymerization:

Resin: Will not occur

Hardener: Do not heat in bulk as dangerous decomposition may occur, liberating toxic fumes.

Section 11 ~ Toxicological Information

Potential Health Effects:

Acute Oral Effects (Ingestion): Resin: LD50 (rabbits): 4000 mg/kg Hardener: LD50 (rabbits): 3000 mg/kg

Sensitization: Can cause skin and respiratory sensitization.

Skin Contact: Irritant.

Eye Irritation: Irritant.

Section 12 ~ Ecological Information

Additional Information: Amines, in general, may be toxic to aquatic organisms. Epoxies are only slightly soluble in water.

Aquatic Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

Section 13 ~ Disposal Considerations

Waste Disposal Method: Dispose in accordance with international, federal (US), state (US) and local regulations.

Recommendations: Must not be disposed of together with household garbage. DO NOT allow product to reach sewage system.

Section 14 ~ Transportation Information

DOT, ADR, AND IMDG, IATA: Non-hazardous for transport.

Hazard Class Under: DOT, ADR, AND IMDG, IATA: Non-hazardous for transport.

Marine Pollutant: No

Notes: Not Regulated under DOT, ADR, AND, IMDG, IATA.

Section 15 ~ Regulatory Information

Occupational Safety and Health Act (OSHA): This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200(g). This product is considered to be a hazardous chemical under that standard.

Resource Conservation and Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261).

Toxic Substances Control Act (TSCA): All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

SARA Title III: Section 304 - CERCLA: Not listed.

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all MSDS's that are copied and distributed for this material.

Section 16 ~ Other Information

	NFPA	HMIS	Key
HEALTH	1	1	4= Severe
FLAMMABILITY	1	1	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION		C	1= Slight
			0= Minimal

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