

Safety Data Sheet
180 EPOXY PRIMER PART B

SDS Revision Date:

04/08/2015



1. Identification

1.1. Product identifier

Product Identity 180 Epoxy Primer Part B

Alternate Names 180 Epoxy Primer Part B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use See Technical Data Sheet.

Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name	Karnak Corporation 330 Central Ave. Clark, NJ 07066 USA
Emergency	www.karnakcorp.com
CHEMTREC (USA)	(800) 424-9300
24 hour Emergency Telephone No.	OUTSIDE THE U.S AND CANADA 1-202-483-7616
Customer Service: Karnak Corporation	1-800-526-4236

2. Hazard(s) identification

2.1. Classification of the substance or mixture

Flammable Liquids 4
Skin Irritation 2
Eye Irritation 2A
Skin Sensation 1

2.2. Label elements

[Danger]: Combustible liquid. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Contains materials suspected of causing cancer (bound in liquid/paint, not airborne dust).



DANGER

[Prevention]:

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Keep away from flames and hot surfaces. No Smoking. Wash hand thoroughly after handling. Wear protective gloves/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace

[Response]:

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention immediately. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

[Storage]:

Store in a well-ventilated place. Keep cool.

[Disposal]:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Limestone CAS Number: 0001317-65-3	30 - 60	Not Classified	
Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines CAS Number: 68410-23-1	5 - 20	Skin Irrit. 2, H315 Eye Irrit. 2A H319/H370 Skin Sens. 1, H317	
Solvent naphtha, petroleum, light aromatic CAS Number: 64742-95-6	5 - 20	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox 1, H304	
Carbon Black** CAS Number 1333-86-4	0.1 - 1	Carc. 2	

*In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

** These materials are bound in liquid/paint and are not airborne or in dust form

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention

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Skin In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Ingestion If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Overview Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible)

Inhalation May cause respiratory irritation

Skin Contact Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Eye Contact Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Ingestion May be harmful if swallowed. May cause stomach distress, nausea or vomiting

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media – Treat for surrounding material.

Unsuitable extinguishing media – None known

5.2. Special hazards arising from the substance or mixture

Fire hazard – Products of combustion may include, and are not limited to oxides of carbon.

5.3. Advice for fire-fighters

Protection during firefighting – Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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General measures - Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

6.2. Environmental precautions

For containment - Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up – Scoop up material and place in a disposal container. Provide ventilation.

6.3. Methods and material for containment and cleaning up

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

7. Handling and storage

7.1. Precautions for safe handling

Keep away from sources of ignition. – No Smoking. Avoid contact with skin and eyes. Do not swallow. Avoid breathing vapour or mist. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures - Wash hands before eating, drinking, or smoking. Launder contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions - Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place.

7.3. Specific end use(s)

Not available.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0001317-65-3	Limestone	OSHA	TWA (15 mg/m ³ total; 5mg/m ³ resp)
		ACGIH	TWA: 10mg/m ³
68410-23-1	Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines	OSHA	No Established Limit
		ACGIH	No Established Limit
64742-95-6	Solvent naphtha, petroleum, light aromatic	OSHA	Not applicable
		ACGIH	Not applicable
1333-86-4	Carbon Black	OSHA	3.5 mg/m ³

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	ACGIH	3 mg/m ³
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8.2. Exposure controls

Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hand	Wear chemically resistant protective gloves.
Eyes	Safety glasses or face shield for liquid material.
Skin	Safety glasses or goggles are recommended when handling product. Wear suitable protective clothing.
Engineering Controls	Maintain levels below Community environmental protection thresholds. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Other Work Practices	Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

9. Physical and chemical properties

Appearance	Viscous
Color	Dark Gray
Odor	Aromatic, strong
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	NA
Initial boiling point and boiling range	No Measured
Flash Point	> 60°C (> 140°F)
Flammability (solid, gas)	Flammable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.394
Solubility in Water	Not Measured

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Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Incompatible materials. Sources of ignition.

10.5. Incompatible materials

Oxidizers

10.6. Hazardous decomposition products

May include, and are not limited to oxides of Carbon.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
180 Epoxy Primer Part B	> 2000 (rat)	> 2000 (rabbit)	No data available	No data available	No data available
Limestone- (1317-65-3)	6450 (rat)	No data available	No data available	No data available	No data available
Fatty acids, C18-unsaturated, dimers, reaction products with Polyethylenepolyamines (68410-23-1)	>2000 (rat)	>2000 (rat)	No data available	No data available	No data available
Solvent naphtha, petroleum, light aromatic (64742-95-6)	8400 (rat)	> 2000 (rabbit)	>5.2 mg/L/4h	No data available	No data available
Carbon Black (1333-86-4)	>15400 (rat)	>3000 (rat)	No data available	No data available	No data available

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Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Causes skin irritation
Serious eye damage/irritation	---	Causes serious eye irritation
Respiratory sensitization	---	May cause an allergic skin reaction
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Based on available data; the classification criteria are not met
Carcinogenicity	---	Based on available data; the classification criteria are not met
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable
Carbon Black (1333-86-4)		
IARC Group	2B – Possibly carcinogenic to humans (airborne, unbound particles of respirable size)	

Reproductive toxicity – based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure) – based on available data, the classification criteria are not met.

Aspiration hazard - based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation – May cause respiratory irritation.

Symptoms/injuries after skin contact – Causes skin irritation, Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause sensitization by skin contact.

Symptoms/injuries after eye contact - Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/injuries after ingestion - May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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12. Ecological information

12.1. Toxicity

Ecology – May cause long-term adverse effects in aquatic environment.

12.2. Persistence and degradability

180 Epoxy Primer part B – No additional information available.

12.3. Bioaccumulative potential

180 Epoxy Primer part B – No additional information available.

12.4. Mobility in soil

180 Epoxy Primer part B – No additional information available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

Effect on ozone layer 180– No additional information available.

Effect on global warming – No known ecological damage caused by this product.

Other adverse effects- No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

The description shown may not apply to all shipping situations. Consult 49 CFR, or appropriate regulations, for additional description requirements.

DOT NA No.	NA1993
DOT Shipping Name:	Combustible liquid, n.o.s. (Petroleum)
DOT Label Information:	NA
DOT Hazard Class:	Combustible Liquid
DOT Packing Group:	III

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15. Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

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State or local regulations	This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other information

Date of Issue: 07/03/2014

Revision date: 04/08/2015

Version: 1.0

Data sources – SDS prepared pursuant to the Hazard Communications Standard (CFR29 1910.2100) HazCom 2012

Other Information: None.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The information has been completed to the best of our knowledge and is believed to be accurate and reliable as from the date indicated. However, no warranty is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy oneself as to the suitability and completeness of such information for his own particular use.

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