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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Big Foot™ Heavy Duty Pedestrian Grade
Product type: Epoxy Resin
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 96211
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Nepheline syenite 37244-96-5	30-60	None	None	None
Silica, quartz 14808-60-7	10-30	0.05 mg/m ³ TWA respirable fraction	0.1 mg/m ³ TWA (respirable)	None
Xylene 1330-20-7	10-30	100 ppm TWA 150 ppm STEL	100 ppm TWA 435 mg/m ³ TWA	None
Aluminum oxide 1344-28-1	10-30	10 mg/m ³ TWA particulate matter containing no asbestos and < 1% crystalline silica	15 mg/m ³ TWA total dust 5 mg/m ³ TWA respirable fraction	None
Epoxy ester resin PROPRIETARY	10-30	None	None	None
Propylene glycol monomethyl ether 107-98-2	1-5	100 ppm TWA 150 ppm STEL	None	None
Organophilic Clay 71011-26-2	1-5	None	None	None
Titanium dioxide 13463-67-7	0.1-1	10 mg/m ³ TWA	15 mg/m ³ TWA total dust	None
Carbon black 1333-86-4	0-0.1	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Paste
Color: Black
Odor: Mild petroleum

HEALTH: 2
FLAMMABILITY: 3
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
MAY CAUSE ALLERGIC SKIN REACTION.

Relevant routes of exposure: Skin contact, Eye contact, Inhalation, Ingestion

Potential Health Effects

Item No. : 96211

Product name: Big Foot™ Heavy Duty Pedestrian Grade

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
Skin contact: Moderate skin irritation. May cause allergic skin reaction.
Eye contact: Moderate eye irritation.
Ingestion: Contains material that may be slightly toxic. May be harmful if swallowed.

Existing conditions aggravated by exposure: Eczema. Skin allergies. Other pre-existing skin conditions.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.

Skin contact: Remove contaminated clothing and shoes. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse. Get medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: Greater than 27.2°C (81°F) Pinsky Martens closed cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: 1.1 %

Flammable/Explosive limits-upper %: 7.0 %

Extinguishing media: Carbon dioxide. Dry chemical. Foam.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Decomposition and combustion products may be toxic.

Hazardous combustion products: Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.

Clean-up methods: Scrape up as much material as possible. Store in a closed container until ready for disposal. Do not let product enter drains.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Do not taste or swallow.
Storage:	For safe storage, store at or below 43.3°C (110°F). Ground and bond metal containers for liquid transfer to avoid static sparks.
Incompatible products:	Oxidizing agents.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection:	Chemical resistant, impermeable gloves.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Paste
Color:	Black
Odor:	Mild petroleum
Vapor pressure:	8 mmHg @20°C (68° F)
pH:	Not applicable
Boiling point/range:	Greater than 116°C (240°F)
Melting point/range:	Not determined
Specific gravity:	1.65
Vapor density:	3.7
Evaporation rate:	0.7
Solubility in water:	Slightly soluble
Partition coefficient (n-octanol/water):	Not available
VOC content:	Not available

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None
Incompatibility:	Oxidizing agents (strong)
Conditions to avoid:	Long term exposure to elevated temperatures.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Nepheline syenite 37244-96-5	No	No	No
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes
Xylene 1330-20-7	No	No	No
Aluminum oxide 1344-28-1	No	No	No
Epoxy ester resin PROPRIETARY	No	No	No
Propylene glycol monomethyl ether 107-98-2	No	No	No
Organophilic Clay 71011-26-2	No	No	No
Titanium dioxide 13463-67-7	No	No	No
Carbon black 1333-86-4	No	Group 2B	Yes

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Nepheline syenite 37244-96-5	No Target Organs
Silica, quartz 14808-60-7	Some evidence of carcinogenicity, Lung, Immune system
Xylene 1330-20-7	Cardiac, Central nervous system, Irritant, Kidney, Liver
Aluminum oxide 1344-28-1	Corrosive, Irritant, Nuisance dust
Epoxy ester resin PROPRIETARY	Allergen, Irritant
Propylene glycol monomethyl ether 107-98-2	Central nervous system, Irritant, Developmental
Organophilic Clay 71011-26-2	No Target Organs
Titanium dioxide 13463-67-7	Irritant, Respiratory
Carbon black 1333-86-4	Respiratory, Some evidence of carcinogenicity

12. ECOLOGICAL INFORMATION

Ecological information: Not applicable

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose according to EPA and local governmental regulations.

EPA hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Paint
 Hazard class or division: 3
 Identification number: UN 1263
 Packing group: III
 Exceptions: (Not more than 5 L) Consumer Commodity ORM-D
 Marine pollutant: None

International Air Transportation (ICAO/IATA):

Item No. : 96211

Product name: Big Foot™ Heavy Duty Pedestrian Grade

Proper shipping name: Paint
Hazard class or division: 3
Identification number: UN1263
Packing group: III
Exceptions: (Not more than 500 ml) May Qualify as Consumer Commodity ID8000

WaterTransportation (IMO/IMDG):

Proper shipping name: Paint
Hazard class or division: 3
Identification number: UN1263
Packing group: III
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: None.

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard, Fire
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Xylene (CAS# 1330-20-7).

California Proposition 65: This product contains a chemical known to the State of California to cause cancer. Silica, Quartz (CAS# 14808-60-7) .

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: B.2, D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Rajal Dhruva, Health and Regulatory Affairs Specialist

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