

SAFETY DATA SHEET

PG-1, PART B

FILE NO.:

DATE: 09/05/2024

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PG-1, Part B
SYNONYMS: Epoxy Resin Hardener
PRODUCT CODES:

MANUFACTURER: Absolute Concrete Products
DIVISION:
ADDRESS: 144 S. Main St. Union, OR 97883

EMERGENCY PHONE: 1-800-535-5053 (24 Hour)
INFOTRAC PHONE: +1-352-323-3500 or 1-800-535-5053
OTHER CALLS: (541) 562-2000

SECTION 1 NOTES:
CHEMICAL FAMILY: Aliphatic Amine

SECTION 2: HAZARDS IDENTIFICATION

ROUTES OF ENTRY:
Ingestion, skin absorption, inhalation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Repeated and/or prolonged exposure may result in: Adverse skin effects (such as defatting, rash, irritation, or corrosion), adverse eye effects (such as conjunctivitis or corneal damage). Repeated and/or prolonged contact with the skin and eyes may cause an allergic reaction/sensitization. Asthma, neurological disorder.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
98-54-4	<50		
1477-55-0	<30		
25620-58-0	>25		
25154-52-3	<=5		

SECTION 4: FIRST AID MEASURES

EYES:
Hold eyelids apart and immediately flush eyes with plenty of water for at least 30 minutes. Call a physician, preferably an eye specialist, if medical care is not promptly available, continue to irrigate for one hour.

SKIN:
Remove product and immediately flush affected area with water for at least 15 minutes followed by soap and water wash. Launder contaminated clothing before reuse. Contaminated leather wear should be discarded.

INGESTION:
Call physician immediately. DO NOT induce vomiting. Give large amounts of water or milk. Never give anything by mouth to an unconscious person. Transport to a medical facility.

INHALATION:
Move the patient at once to fresh air and call a physician. Keep patient absolutely quiet and start oxygen inhalation through suitable equipment.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) **LOWER:** N/A

FLASH POINT:
F: >230
C: >110

METHOD USED:
Pensky-Martin Closed Cup

EXTINGUISHING MEDIA:
Ignition will give rise to a Class B fire. In case of a fire use water spray.

SAFETY DATA SHEET

PG-1, PART B

FILE NO.:

DATE: 09/05/2024

SPECIAL FIRE FIGHTING PROCEDURES:

Alcohol Foam, Carbon Dioxide (CO₂), dry chemical. Retain expended liquids from fire fighting for later disposal. Firefighters should wear butyl rubber boots, gloves, and body suits, and a self-contained breathing apparatus. Water spray is also useful in cooling fire-exposed tanks and in dispersing vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

May generate toxic, irritating, or flammable combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent.

HAZARDOUS DECOMPOSITION PRODUCTS:

Nitrogen oxides when burned.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Ventilate the space involved. Shut off or remove all ignition sources. Construct a dike to prevent spreading. Cover minor spills with sodium bisulfate to neutralize and reduce vapors. Spray with water. Place in metal containers for recovery or disposal. Clean-up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Keep away from oxidizers, heat, and flames. Keep in cool, dry, ventilated storage and in closed containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Keep container closed. Avoid breathing of vapors. Handle in well-ventilated work space.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

N/A

VENTILATION:

LOCAL EXHAUST: Adequate general and local.

RESPIRATORY PROTECTION:

NIOSH approved cartridge mask for organic vapors. Use during repair and cleaning of equipment, during transfer or discharge of product.

EYE PROTECTION:

Chemical safety glasses. No contact lenses.

SKIN PROTECTION:

Nitrile rubber gloves, neoprene gloves, butyl rubber, PUC, impervious gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Long-sleeved clothing. Impervious clothing or rubber suit depending on degree of potential exposure.

WORK HYGIENIC PRACTICES:

Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Wash at the end of each work shift and before eating, smoking, or using the toilet. Promptly remove clothing that has become contaminated. Discard contaminated leather articles. Examine protective gloves before using. Discard if evidence is found of holes or cracks.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Amber

ODOR:

Fishy

PHYSICAL STATE:

Liquid

pH AS SUPPLIED:

Alkaline

SAFETY DATA SHEET

PG-1, PART B

FILE NO.:

DATE: 09/05/2024

VAPOR PRESSURE (mmHg):

<10.34

F: 70

C: 21

SOLUBILITY IN WATER:

<0.1 g/l

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY (MATERIAL TO AVOID):

Oxidizing agents (i.e. perchlorates, nitrates, etc.) Cleaning solutions.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

ACUTE HEALTH HAZARD:

Ingestion:	LD50 : 1,750 mg/kg
Species:	Rat.
Inhalation:	No data is available on the product itself.
Skin:	LD50: > 2,000 mg/kg
Species:	Rabbit.
Method:	Estimated.

SECTION 11 NOTES:

The product, or a component, may be mutagenic, the data is inconclusive.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

Aquatic toxicity: No data is available on the product itself.

Toxicity to fish - Components

Nonylphenol LC50 (96 h): 0.128 mg/l — Species: Fathead minnow (*Pimephales promelas*).

Toxicity to daphnia - Components

Nonylphenol EC50 (48 h): 0.0848 mg/l — Species: Daphnia

Nonylphenol EC50 (48 h): 0.19 mg/l — Species: Daphnia

Toxicity to other organisms: No data available.

Persistence and degradability

Mobility: No data available.

Bioaccumulation: No data is available on the product itself.

Bioaccumulation - Components

Nonylphenol Moderate bioaccumulation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:

Comply with all Federal, State, and Local regulations. Incineration is acceptable and the preferred method of disposal. However, nitrogen oxide emission controls may be required to meet specifications. Chemical and/or biological degradation is feasible. A suitable industrial or municipal waste treatment system can be used depending on the quality and quantity of waste being treated.

SECTION 14: TRANSPORT INFORMATION

SECTION 14 NOTES:

N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

All components are included in the EPA Toxic Substances Control Act Chemical Substance Inventory. OSHA Hazard Communication Standard (40CFR1910.1200) hazard class corrosive. EPA SARA Title III Section 312 hazard class Immediate Health Hazard. EPA SARA Title III Section 313 toxic chemicals above "de minimis" level are 108-95-2 PHENOL at no more than 50%.

SAFETY DATA SHEET

PG-1, PART B

FILE NO.:

DATE: 09/05/2024

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.