

View MSDS <u>8</u> <u>9</u> <u>10</u> <u>11</u> <u>12</u> <u>13</u> <u>14</u> <u>15</u> <u>16</u> <u>2</u> <u>4</u> <u>5</u> <u>6</u> <u>Z</u> Section:

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

902

Product Name: 1-Part Epoxy Acrylic Concrete & Garage Floor Paint Slate Gray No. 902

MSDS Manufacturer

Number:

Manufacturer Name: **BEHR Process Corporation** Address: 3400 W. Segerstrom Avenue

Santa Ana, CA 92704

General Phone Number: (714) 545-7101 General Fax Number: (714) 241-1002 Customer Service Phone (800) 854-0133 ext. 2

Number:

CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300

In Canada, call CANUTEC: (613) 996-6666 (call collect) Canutec:

MSDS Creation Date: June 26, 2006 April 27, 2010 MSDS Revision Date:

MSDS Format: According to ANSI Z400.1-2004



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	

Chronic Health Effects

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent	
Ethylene glycol	107-21-1	1 - 5 by weight	
Styrene acrylic polymers	No data	10 - 30 by weight	
Nepheline Syenite	37244-96-5	5 - 10 by weight	
Dipropylene glycol monomethyl ether	34590-94-8	1 - 5 by weight	
Dipropylene glycol butoxy ether	29911-28-2	1 - 5 by weight	
Carbon black, amorphous	1333-86-4	0.1 - 1 by weight	
Titanium dioxide	13463-67-7	5 - 10 by weight	
Undisclosed/Proprietary	No data	1 - 5 by weight	
Non hazardous ingredient(s)	Not applicable	30 - 60 by weight	

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant.

Potential Health Effects:

Eye: May cause irritation. Skin: May cause irritation.

Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Indestion: May be harmful if swallowed. May cause vomiting. Chronic Health Effects: Prolonged or repeated contact may cause skin irritation. Signs/Symptoms: Overexposure may cause headaches and dizziness. Target Organs: Eyes. Skin. Respiratory system. Digestive system.

Aggravation of Pre-Existing

Conditions:

None generally recognized.

SECTION 4 - FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical

attention, if irritation or symptoms of overexposure persists.

Skin Contact: Immediately wash skin with soap and plenty of water.

Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give

oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center

immediately. Never give anything by mouth to an unconscious person.

Other First Aid: Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested.

Provide a glass of water to dilute the material in the stomach. If vomiting occurs

naturally, have the person lean forward to reduce the risk of aspiration.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: No Data
Lower Flammable/Explosive Limit: Not applicable.
Upper Flammable/Explosive Limit: Not applicable.

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray

when fighting fires involving this material.

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH

(approved or equivalent) and full protective gear.

NFPA Ratings:

NFPA Health: 1
NFPA Flammability: 1
NFPA Reactivity: 0

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions: Use proper personal protective equipment as listed in section 8.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Spill Cleanup Measures: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical

waste container. Provide ventilation. Clean up spills immediately observing

precautions in the protective equipment section.

SECTION 7 - HANDLING and STORAGE

Handling: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin

and clothing.

Storage: Store in a cool, dry, well ventilated area away from sources of heat, combustible

materials, and incompatible substances. Keep container tightly closed when not in

use.

Hygiene Practices: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling

vapor or mist.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls: Use appropriate engineering control such as process enclosures, local exhaust

ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training,

inspection and maintenance of the personal protective equipment.

Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR

1910.133, OSHA eye and face protection regulation, or the European standard EN

166.

Skin Protection Description: Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron

or coveralls should be used to prevent contact with eyes, skin or clothing.

Respiratory Protection:

A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne

concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide

adequate protection.

Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash

facility and a safety shower.

EXPOSURE GUIDELINES

Ethylene glycol:

Guideline ACGIH: TLV-STEL: C 100 mg/m3 (Aerosol only)

<u>Dipropylene glycol monomethyl ether</u>:

Guideline ACGIH: TLV-TWA: 100 ppm

TLV-STEL: 150 ppm

Guideline OSHA: OSHA-TWA: 100 ppm

OSHA-STEL: 150 ppm

<u>Carbon black, amorphous</u>:

Guideline ACGIH: TLV-TWA: 3.5 mg/m3
Guideline OSHA: OSHA-TWA: 3.5 mg/m3

<u>Titanium dioxide</u>:

Guideline ACGIH: TLV-TWA: 10 mg/m3
Guideline OSHA: OSHA-TWA: 15 mg/m3

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance: Liquid.
Color: Gray
Boiling Point: No Data

Melting Point: No Data Density: 8 - 10 Lbs./gal. Vapor Density: Greater than 1 (Air = 1).

pH: 8.5 to 9.5 Molecular Formula: Mixture Molecular Weight: Mixture Flash Point: No Data

VOC Content: Material VOC: 99 gm/l (Includes Water) Coating VOC.: 240 gm/l (Excludes Water)

SECTION 10 - STABILITY and REACTIVITY

Chemical Stability: Stable under normal temperatures and pressures.

Hazardous Polymerization:

Conditions to Avoid: Heat, flames, incompatible materials, and freezing or temperatures below 32 deg.

Incompatible Materials: Oxidizing agents. Strong acids and alkalis.

SECTION 11 - TOXICOLOGICAL INFORMATION

Ethylene glycol:

RTECS Number: KW2975000

Eye: Eye - Rabbit; Standard Draize Test.: 500 mg/24H; mild.

Eye - Rabbit; Standard Draize Test.: 1440 mg/6H; Moderate. (RTECS)

Skin: Skin - Rabbit; Open irritation: 555 mg; mild. (RTECS)

Inhalation: Inhalation - Rat LC: >200 mg/m3/4H; Details of toxic effects not reported other

than lethal dose value.

Inhalation - Mouse LC: >200 mg/m3/2H; Details of toxic effects not reported

other than lethal dose value. (RTECS)

Indestion: Ingestion - Rat LD50: 4700 mg/kg; Details of toxic effects not reported other

than lethal dose value.. (RTECS)

Dipropylene glycol monomethyl ether:

RTECS Number: JM1575000

Eye - Rabbit; Standard Draize Test.: 500 mg/24H; mild. (RTECS) Eye:

Skin: Skin - Rabbit; Open irritation: 500 mg; mild. (RTECS)

Ingestion - Rat LD50: 5400 uL/kg; Details of toxic effects not reported other than Ingestion:

lethal dose value

Ingestion - Rat LD50: 5.5 ml/kg; Details of toxic effects not reported other than

lethal dose value.. (RTECS)

Dipropylene glycol butoxy ether:

UA8200000 RTECS Number:

Eve: Eye - Rabbit; Standard Draize Test.: 100 mg; No effects reported. (RTECS) Skin - Rabbit LD50: 5860 uL/kg; Behavioral - somnolence (general depressed Skin:

activity) Gastrointestinal - hypermotility, diarrhea Lungs, Thorax, or Respiration -

other changes (RTECS)

Ingestion: Ingestion - Rat LD50: 1620 uL/kg; Behavioral - somnolence (general depressed

activity) Behavioral - ataxia Skin and Appendages - hair (RTECS)

Carbon black, amorphous:

RTECS Number: FF5800000

Skin - Rabbit LD50: >3 gm/kg; Details of toxic effects not reported other than Skin:

lethal dose value.] (RTECS)

Ingestion: Ingestion - Rat LD50: >15400 mg/kg; Behavioral - somnolence (general

depressed activity) (RTECS)

Titanium dioxide:

RTECS Number: XR2275000

Skin: Skin - Rabbit; Standard Draize Test.: 300 ug/3D; (Intermittent) mild. (RTECS) Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - hypermotility, diarrhea Indestion:

Gastrointestinal - other changes. (RTECS)

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product. Environmental Fate: No environmental information found for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the

classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local

guidelines.

SECTION 14 - TRANSPORT INFORMATION

DOT UN Number: No Data DOT Hazard Class: No Data

SECTION 15 - REGULATORY INFORMATION

California PROP 65: WARNING: This product contains a chemical known to the state of California to

cause cancer and birth defects or other reproductive harm.

Ethylene glycol:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.

Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

Nepheline Syenite:

TSCA Inventory Status: Not listed
Canada DSL: Listed

Dipropylene glycol monomethyl ether:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.

Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

Dipropylene glycol butoxy ether:

TSCA Inventory Status: Listed
Canada DSL: Listed

Carbon black, amorphous:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.

Listed in the Pennsylvania State Hazardous Substances List.

California PROP 65: Listed in California Prop65 list

Canada DSL: Listed

Titanium dioxide:

TSCA Inventory Status: Listed

State Regulations: Listed in the New Jersey State Right to Know List.

Listed in the Pennsylvania State Hazardous Substances List.

Canada DSL: Listed

SECTION 16 - ADDITIONAL INFORMATION

HMIS Health Hazard: 1
HMIS Fire Hazard: 1
HMIS Reactivity: 0
HMIS Other: x

MSDS Creation Date: June 26, 2006 MSDS Revision Date: April 27, 2010

MSDS Revision Notes: Quarterly formula update

MSDS Author: Actio Corporation

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