

Safety Data Sheet

Section 1 - Identification

Product Identifier: BREG 3B Putty Premix (BPUTY1.5, BPUTY1)

General Use: Emergency temporary plugging of leaks in fuel tanks and crossover lines.

This product does not render fluids nonflammable, neutral or less hazardous.

Product Description: Gray, pliable paste

Company Profile: BREG Environmental, 20 Joseph Mills Drive, Fredericksburg, VA 22408

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Section 2 - Hazard(s) Identification

GHS Classifications: Not a dangerous substance according to GHS.

POTENTIAL HEALTH EFFECTS

Eye contact: No hazard in normal use

Ingestion: No hazard in normal use

Inhalation: No hazard in normal use (paste form)

Skin contact: May cause mild irritation over extended period

Chronic: No hazard in normal use (paste form)

Section 3 - Ingredient Information

CAS#	Component	%
CAS: 1302-78-9/ EC: 215-108-5	Bentonite-blend	Trade Secret
CAS: 7732-18-5/EC 231-791-2	Water	Trade Secret
CAS: 57-55-6/EC: 200-338-0	Propylene glycol	Trade Secret

The percentage of propylene glycol increases for the low temperature products.

Section 4 - First Aid Measures

Eye Contact: Flush with water for 15 minutes. Consult a physician if irritation persists

Ingestion: Not applicable in normal use.

Inhalation: Not applicable in normal use (paste form)

Skin contact: Wash with soap and water.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Not applicable (unused form). That which is compatible to liquid plugged (used form).

Special Fire Fighting Procedures: None

Hazardous Combustion Products: Not established

Unusual Hazards: Unused form - none. Used form- refer to plugged liquid SDS

Section 6 - Accidental Release Measures

Spill or Leak Procedures: If unused, scoop up and dispose of in municipal landfill.

Avoid adding water as product can be slippery when wet.

Section 7 - Handling and Storage

Handling Precautions: Check shelf life every six months after one year.

Storage Precautions: Store regular Premix above freezing. Premix with antifreeze goes down to about zero F.

General: Do not reuse container after it is empty.

Section 8 - Exposure Control

Engineering Controls: Not applicable in paste form

PERSONAL PROTECTION

Eyes: Safety glasses is good industrial practice.

Respirator: Not required in paste form. If the product does dry out and is crumbled, use NIOSH/MSA approved dust mask.

Gloves: Not normally required for unused product. Disposable gloves would be good industrial practice.

Other: none

OSHA Hazardous Components (29CFR1910.1200)

In paste form, there is no dust to present an OSHA hazard.

If allowed to dry out and it is crumbled:

	OSHA PEL	ACGIH TLV
Mineral nuisance dust:		
Total:	15 mg/m ³	10 mg/m ³
Respirable:	5 mg/m ³	3 mg/m ³

Section 9 - Physical and Chemical Properties

Appearance: Gray moldable paste

Odor: None; **Odor Threshold:** N/A

pH: N/A

Melting Point: N/A; **Freezing Point:** 3F

Initial Boiling Point and Range: N/A

Flash Point: N/A; **Method:** N/A

Evaporation Rate: N/A

Flammable limits: N/A

Conditions of Flammability: N/A

Explosive Properties: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Relative Density: 1.4

Solubility in Water: Insoluble

Auto-Ignition Temperature: Not established

Coefficient of Water/Oil Distribution: N/A

Section 10 - Stability & Reactivity

General: This is stable material

Conditions of Reactivity: Hydrofluoric acid

Incompatible Materials: Not recommended for use with strong acids (hydrofluoric)

Conditions to Avoid: None

Hazardous Decomposition: None

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information

LD50: Not available for mixture

LC50: Not available for mixture

Carcinogenicity: IARC: Not established.

National Toxicology Program: Not establish

OSHA: Not established. California Prop 65: No listed ingredients.

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available, Synergistic Products: Not available.

Irritancy of Product: See Section 2.

Sensitization to product: Not available

Bentonite: skin: The dermal LD50 for rats is 35 mg/kg

Water: Ingestion: The oral LD50 for rats is >90 mL/kg

Propylene Glycol: The oral LD50 for rats is 20 gm/kg.

Section 12 - Ecological Information

No data available

Section 13 - Disposal Considerations

Waste disposal Method: If unused, no special precautions are necessary. If used, dispose of according to the requirements of the liquid plugged.

Section 14 - Transportation Information

DOT (Department of Transportation)

Proper Shipping Name: Not regulated

Hazard Class: Not regulated

Identification Number: Not applicable

Section 15 - Regulatory Information

CERCLA (Comprehensive Environmental Reponse Compensation and Liability Act): No Reportable Quantity

OSHA Hazard Communication Standard, 29 CFR 1910.1200: Not applicable in paste form

SARA Title III (Superfund Admendments and Reauthorization act): No listed ingredient

TSCA (Toxic Substances Control Act): Ingredients of this product are on the inventory list.

Section 16 - Other Information

HMIS Hazard Ratings:

Health - 1
Fire -0
Reactivity - 0

Propylene glycol can be found on the Pennsylvania and Minnesota right-to-know lists

Date of Issue: 6/1/2015

Date of Last Revision: 2/7/2011

Prepared by: Breg Environmental

The following is in lieu of all warranties, expressed or implied. All information provided is based on testing and data believed to be accurate.

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