

PND CORPORATION SAFETY DATA SHEET

1. Product and Company Identification

Product Identifier: Plug N Dike Premix, Plug Patties and Plug Rugs (includes regular and low temperature composition)

General Use: Emergency temporary plugging of leaking fuel tanks and drums to stop leaks.

Product Description: Gray, pliable paste

Manufacturer: PND Corporation, 14320 NE 21st st, ste. 6, Bellevue, WA 98007

Information number: 425 562-7252, e-mail: info@plugndike.com. website: www.plugndike.com

2. Hazards Identification

GHS Classification: Not a dangerous substance according to GHS.

Labels — does not require hazardous warning labels Potential

Health Effects:

Eye contact: Not classified

Ingestion: Not classified

Inhalation: No hazard in normal use (paste form)

Skin contact: May cause mild irritation over extended period

Chronic: Not classified

3. Composition/Information on Ingredients

CAS: 1302-78-9/ EC: 215-108-5 Bentonite-blend Trade Secret

EC: 215-108-5

CAS: 7732-18-5/EC 231-791-2 Water Trade Secret

EC: 231-791-2

CAS: 57-55-6/EC: 200-338-0 Propylene glycol Trade Secret EC:

200-33m

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

4. First Aid Measures

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

Ingestion: Not applicable

Inhalation: Not applicable (paste form)

Skin contact: Wash with soap and water.

5. Fire Fighting Measures

Extinguishing Media: Not applicable. This material will not burn.

Special Fire Fighting Procedures: None

Hazardous Combustion Products: Not established

Unusual Hazards: Material can be slippery when water added.

6. Accidental Release Measures

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

Environmental precautions — no special requirements

7. Handling and Storage

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

8. Exposure Controls/Personal Protection

Engineering Controls: Not applicable in paste form

Personal Protection:

Eyes: Safety glasses is good industrial practice.

Respirator: Not required in paste form.

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 a OSHA hazard.

9. Physical and Chemical Properties

Appearance: Gray moldable paste

Odor: None Odor Threshold: N/A

pH: N/A

Melting Point: N/A Freezing Point: zero F

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

10. Stability and 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

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.

12. Ecological Information

No data available

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.

14. Transport Information

DOT Proper Shipping Name: Not regulated

Hazard Class: Not regulated

Identification Number: Not applicable

IATA - Not regulated

IMDG - Not regulated

15. Regulatory Information

CERCLA: No Reportable Quantity

OSHA Hazard Comm. Std, 29 CFR 1910.1200: Not applicable in paste form

SARA Title III: No listed ingredient

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

16. Other Information

HMIS Hazard Rating: Health - I, Fire -0 Reactivity — 0

NFPA: Label on next page.

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

Date of Issue: 5/6/2015 Revision 01/02.2017

Prepared by: Bill Griffin

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

16. NFPA

CHECK OFF APPROPRIATE BOXES		CHEMICAL NAME: Plug N Dike Premix	
ROUTE OF ENTRY			
<input type="checkbox"/> INHALATION	<input type="checkbox"/> SKIN ABSORPTION		
<input type="checkbox"/> INGESTION	<input type="checkbox"/> SKIN OR EYE CONTACT		
HEALTH HAZARDS			
<input checked="" type="checkbox"/> NO HEALTH HAZARD	<input type="checkbox"/> IRRITANT		
<input type="checkbox"/> TOXIC	<input type="checkbox"/> CORROSIVE		
<input type="checkbox"/> HIGHLY TOXIC	<input type="checkbox"/> SENSITIZER		
<input type="checkbox"/> REPRODUCTIVE TOXIN	<input type="checkbox"/> CARCINOGEN		
PHYSICAL HAZARDS			
<input checked="" type="checkbox"/> NO PHYSICAL HAZARDS	<input type="checkbox"/> PYROPHORIC		
<input type="checkbox"/> COMBUSTIBLE LIQUID	<input type="checkbox"/> ORGANIC PEROXIDE		
<input type="checkbox"/> COMPRESSED GAS	<input type="checkbox"/> WATER REACTIVE		
<input type="checkbox"/> OXIDIZER	<input type="checkbox"/> UNSTABLE (REACTIVE)		
<input type="checkbox"/> FLAMMABLE GAS			
<input type="checkbox"/> EXPLOSIVE			
<input type="checkbox"/> FLAMMABLE LIQUID/SOLID			
TARGET ORGANS & EFFECTS			
<input type="checkbox"/> LUNGS	<input type="checkbox"/> SKIN		
<input type="checkbox"/> HEART	<input type="checkbox"/> PROSTATE		
<input type="checkbox"/> KIDNEY	<input type="checkbox"/> LIVER		
<input type="checkbox"/> EYES			
<input type="checkbox"/> CENTRAL NERVOUS SYSTEM			
<input type="checkbox"/> CARDIOVASCULAR SYSTEM			
<input type="checkbox"/> MUCOUS MEMBRANES			
<input type="checkbox"/> AUTONOMIC NERVOUS SYSTEM			
<input type="checkbox"/> RESPIRATORY SYSTEM			
<input type="checkbox"/> BLOOD			
<input type="checkbox"/> MUTAGEN			
<input type="checkbox"/> TERATOGEN			

HEALTH HAZARD 4 Deadly 3 Extreme danger 2 Hazardous 1 Slightly hazardous 0 Normal material	FIRE HAZARD FLASH POINTS 4 Below 73°F 3 Below 100°F 2 Above 100°F, not exceeding 200°F 1 Above 200°F 0 Will not burn
SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER -W- Radioactive	REACTIVITY 4 May detonate 3 Shock and heat may detonate 2 Violent chemical change 1 Unstable if heated 0 Stable

Lab Safety Supply Inc.

Reorder No. 24438

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