



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

Company Profile: PND Corporation, 14320 NE 21st St, Ste. 6, Bellevue, WA 98007

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

2. Hazards Identification

GHS Classification: 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)

3. Composition/Information on Ingredients

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.

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.

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.

6. Accidental Release Measure

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

Avoid adding water as product can be slippery when wet.

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.

8. Exposure Controls/Personal Protection

Engineering Controls: Not applicable in paste form
Personal Protection:
Eyes: Safely 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 a OSHA hazard.

If allowed to dry out and it is crumbled:

Mineral nuisance dust: Total: 15 mg/m³ (OSHA PEL) 10 mg/m³ (ACGIH TLV)
Respirable: 5 mg/m³ 3 mg/m³

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

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 - 1, Fire -0 Reactivity – 0
Propylene glycol can be found on the Pennsylvania and Minnesota right-to-know list
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Prepared by: Bill Griffin

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