

# MATERIAL SAFETY DATA SHEET

SPILFYTER® Products  
Dry Mix GAPSEAL™:for Water Insoluble Liquids

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Revision Date: 07/17/02  
MSDS No. 1032

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## Section 1. Chemical Product and Company Identification

Product Number: 780150

Product Name: Dry Mix GAPSEAL™:for Water Insoluble Liquids—Temporary Plugging Compound

**Manufacturer:**

NPS Corporation  
3303 Spirit Way

Information (800) 558-5066 7:30am-4:30pm CDT M-

F

Green Bay, WI 54304

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## Section 2. Composition/Information on Ingredients

CAS Registry #

1318-93-0

14808-60-7

Component

Sodium Montmorillonite (Western Benzonite; Bentonite Clay)

Crystalline Silica\*

\*Although the typical quartz content of western bentonite is in the range of 2 to 6% most of the quartz particles are larger than the 10 µ respirable threshold size. The actual respirable quartz concentration in airborne bentonite dust will depend upon bentonite source, fineness of product, local humidity and wind condition at point of use and other use specific factors.

(NOTE: See Section 8 of this MSDS for Exposure Guidelines)

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## Section 3. Hazards Identification

**Emergency Overview**

Odorless, light tan to gray dry crystalline powder (blue to green moist solid).  
This material presents little or no hazard if spilled and exhibits no unusual fire hazard.

### Potential Health Effects

Eye: May cause irritation.

Skin: May cause irritation. Repeated skin contact may aggravate an existing dermatitis (skin condition) and/or sensitivity of the skin.

Inhalation: Exposure to dust levels exceeding the PEL (see Section 8) may cause irritation to the upper respiratory system.

Signs and Symptoms:

- Eyes: Redness, Tearing
- Skin: Redness
- Inhalation: Dry cough

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## Section 4. First Aid Measures

Eye: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

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### Section 5. Fire Fighting Measures

Flash Point: NA

Flammable Limits: NA

Auto-ignition Temperature: NA

**NOTE:** This material is non-combustible as supplied and does not support combustion.

Extinguishing Media: If the need exists, any media can be used to extinguish the packing material.

Special Fire Fighting Procedures: For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used.

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### Section 6. Accidental Release Measures

Avoid generating or breathing airborne dust. If unused material is spilled, collect by sweeping, shoveling, or vacuuming and recycle the material for use. If this product is mixed with other materials, see Section 13.

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### Section 7. Handling and Storage

Store in a cool, dry, well-ventilated area.

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### Section 8. Exposure Controls/Personal Protection

Exposure Limits: None specifically developed for this product; treated as a nuisance dust as defined in 29 CFR 1910.1000.

OSHA PEL: Total Dust is 15 mg/M<sup>3</sup>.

Respirable Fraction is 5 mg/M<sup>3</sup>.

ACGIH TLV is 10 mg/M<sup>3</sup>.

The end-user must determine the specific types of personal protective equipment needed according to 29 CFR 1910.132—Personal Protective Equipment (PPE) for General Industry. The following are only suggestions:

- Eyes: Generally not necessary. Personal preference.
- Gloves: Generally not necessary. Personal preference.
- Inhalation: Use respirators approved by NIOSH/MSHA for silica bearing dust.

Adequate ventilation should be provided to limit the threat of inhalation.

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### Section 9. Physical and Chemical Properties

Appearance: Light tan to gray dry as dry powder (bluegray to green as moist solid)

Odor: Odorless

Boiling Point: NA

Vapor Pressure (mmHg): Not Tested

Vapor Density: Not Tested

Solubility in Water: Insoluble, forms colloidal suspension

Specific Gravity (H<sub>2</sub>O=1): 2.45-2.55

Melting Point: 1450 °C

pH: 8-10 (5% aqueous solution)

Evaporation Rate (Butyl Acetate=1): Not Tested

% Vaporizable by volume (H<sub>2</sub>O=100): NA

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### Section 10. Stability and Reactivity

Stable: Yes

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Hydrofluoric acid, hydrazine, and strong oxidizers

Hazardous Decomposition or Byproducts: None known

Hazardous Polymerization: Will not occur

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### Section 11. Toxicological Information

This product is not listed by NTP or IARC. See Section 15.

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### Section 12. Ecological Information

No data available. See Section 15.

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### Section 13. Disposal Considerations

This product in itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical(s) it was used with and should be disposed of accordingly. Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

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### Section 14. Transport Information

This product is not a DOT Hazardous Material and is not regulated for all shipping purposes.

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### Section 15. Regulatory Information

TSCA Inventory Status: All components are listed on the TSCA list.

SARA Title III

Section 302 Extreme Hazardous Substance List: Not listed

Section 311/312 Hazard Classification:

Immediate (acute): No

Delayed (chronic): No

Fire: No

Sudden Release of Pressure: No

Reactive: No

Section 313 Toxic Chemicals: Not listed

USEPA CERCLA—Reportable Quantity (RQ): Not listed

RCRA Hazardous Waste: Not listed

State/Int'l Right-to-Know Regulations: Not listed

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### Section 16. Other Information

Abbreviations:

CFR: Code of Federal Regulations

OSHA: Occupational Safety and Health Administration

MSDS: Material Safety Data Sheet

PEL: Permissible Exposure Limit

NA: Not Applicable

ACGIH: American Conference of Governmental Industrial Hygienists

TLV: Threshold Limit Value

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

SARA: Superfund Amendments and Reauthorization Act

USEPA: United States Environmental Protection Agency

CERCLA: Comprehensive Response, Compensation, and Liability Act

DOT: Department of Transportation

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## Abbreviations (cont.):

NFPA: National Fire Protection Association

HMIS: Hazardous Material Information System

## NFPA Ratings:

Health: 0

Fire: 0

Reactivity: 0

Special Hazard: None

## HMIS Ratings:

Health: 0

Flammability: 0

Reactivity: 0

Personal Protection: X

**NOTE:** This MSDS has been prepared only for the GAPSEAL™:for Water Insoluble Liquids (7800 Series) of SPILFYTER® Products. The MSDS's of the chemicals used with this product must be reviewed completely, and precautions taken as described.

The information accumulated herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, NPS Corporation cannot give guarantees regarding the information from sources, and expressly does not make any warranties, nor assumes any liability for its uses of this product.

## Disclaimer

You have purchased SPILFYTER® products from NPS Corporation

You have been provided data, product labels, MSDS's, and other information about SPILFYTER® Products.

Some SPILFYTER® Products are hazardous. Information about SPILFYTER® Products that are hazardous is furnished without guarantee. NPS Corporation does not guarantee the accuracy of the information about hazardous SPILFYTER® Products.

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The information provided about the hazardous products is believed to be correct. You must perform your investigation as to the safety, toxicity, suitability, and proper shipping method for any hazardous SPILFYTER® Product.

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