

MATERIAL SAFETY DATA SHEET

SPILFYTER® Products
GRAN-SORB®

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Revision Date: 02/20/08
MSDS No. 1088

Section 1. Chemical Product and Company Identification

Product Number: 888002
Product Name: GRAN-SORB®

Manufacturer:
NPS Corporation
3303 Spirit Way
Green Bay, WI 54304

Emergency Telephone Numbers:
CHEMTREC--Domestic (800)424-9300 24 hours
--International (202)483-7616 24 hours
Information (800) 558-5066 7:30am-4:30pm CDT M-F

Section 2. Composition/Information on Ingredients

<u>CAS Registry #</u>	<u>Component</u>
9004-34-6	Paper Fiber
1332-58-7	Kaolin
471-34-1	Calcium Carbonate
13463-67-7	Titanium Dioxide

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

Section 3. Hazards Identification

Emergency Overview

Gray colored granular solid with musty odor.

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 of the upper respiratory system. Breathing dust may aggravate acute or chronic asthma or other chronic pulmonary diseases.

Signs and Symptoms:

- Eyes: Redness, Tearing
- Skin: Redness, Itching
- Inhalation: Dry cough, labored breathing during exertion

Section 4. First Aid Measures

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

Skin: Brush off excess particulate with dry towel. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

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

Ingestion: Induce vomiting.

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Section 5. Fire Fighting Measures

Flash Point: not available

Flammable Limits: lower- N/A upper-N/A

Auto-ignition Temperature: 220 °C

Extinguishing Media: Water spray, ABC dry chemical, foam, sand, or carbon dioxide. Use water fog or spray to cool exposed equipment and containers.

Special Fire Fighting Procedures: Use water to wet down material and to reduce the likelihood of ignition or dispersion of dust into the air. For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used. Thermal decomposition of this product may produce carbon monoxide and carbon dioxide gases.

Section 6. Accidental Release Measures

Avoid breathing dust. Unused material can be shoveled, swept, or vacuumed and recycled for use. Avoid generating airborne dust.

If used material is released or spilled, see Section 13.

Section 7. Handling and Storage

Store in a cool, dry area away from foodstuffs and animal feed.

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/M³.

Respirable Fraction is 5mg/M³.

Wood Dust:

Certain Hard Woods (such as beeches and oaks):

ACGIH TWA is 1 ppm.

OSHA:

TWA is 5 mg/M³.

STEL (15 min) is 5 mg/M³.

Soft woods, except Western Red Cedar:

ACGIH TWA is 5 ppm.

OSHA:

TWA is 5 mg/M³.

STEL (15 min) is 10 mg/M³.

Western Red Cedar:

OSHA TWA is 2.5 mg/M³.

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: Safety glasses or goggles
- Skin: Suitable work gloves and clothing
- Inhalation: Air purifying respirator with appropriate filter for nuisance dust

Adequate ventilation should be provided to limit the amount of airborne dust.

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Section 9. Physical and Chemical Properties

Appearance: Gray

Odor: Musty

Boiling Point: NA

Vapor Pressure (mmHg): NA

Vapor Density: NA

Solubility in Water: Insoluble

Specific Gravity (H₂O=1): 0.28

Melting Point: NA

pH: NA

Evaporation Rate (Butyl Acetate=1): NA

% Vaporizable by volume (H₂O=100): Negligible

Section 10. Stability and Reactivity

Stable: Yes

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition or Byproducts: None known

Hazardous Polymerization: Will not occur

Section 11. Toxicological Information

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

Section 12. Ecological Information

No data available. See Section 15.

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 will take on the characteristics of the chemical sorbed and should be disposed of accordingly.

Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

Section 14. Transport Information

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

Section 15. Regulatory Information

This product does not meet the definition of a hazardous chemical given in 29 CFR 1910.1200 (OSHA).

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
TWA: Time Weighted Average
STEL: Short Term Exposure Limit
ppm: Parts per Million
NFPA: National Fire Protection Association
HMIS: Hazardous Material Information System

NFPA Ratings:

Health: 0
Fire: 1
Reactivity: 0
Special Hazard: None

HMIS Ratings:

Health: 0
Flammability: 1
Reactivity: 0
Personal Protection: X

NOTE: This MSDS has been prepared only for the GRAN-SORB (8880 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.

Those products are only to be used by people having expertise in using the hazardous 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.

No guarantee, expressed or implied, is made by NPS Corporation about the results of use of its products. No guarantee is made as to the safety and toxicity of any SPILFYTER® Product.

NPS Corporation does not assume any liability arising out of use of SPILFYTER® Products. Additional information and research may be necessary before you use the SPILFYTER® Products. NPS Corporation is not responsible for damages, direct or indirect, resulting from the use of SPILFYTER® Products or from reliance on data in the MSDS or product label.

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You are also required by law to insure that all SPILFYTER® Products are properly shipped.

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