

MATERIAL SAFETY DATA SHEET

SPILFYTER® Products
Hazmat Sorbents

Page 1 of 5
Revision Date: 10/01/01
MSDS No. 3

19021910

Section 1. Chemical Product and Company Identification

Product Number: S2 Series
Product Name: HAZMAT Sorbent Products

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

CAS Registry #	Component	
9003-07-0	Polypropylene Particulate or Fabric	98.7%
N/A	Yellow Pigment	0.3%
557-11-F	Surfactant	1.0%

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

Section 3. Hazards Identification

***** Emergency Overview *****
*Odorless, white or colored fabric or particulate. This material presents little or *
*no hazard if spilled and exhibits no unusual fire hazard. *

Potential Health Effects

Eye: Direct contact may cause irritation.
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
- Inhalation: Dry cough, labored breathing during exertion

Section 4. First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
Skin: Brush off excess fibers 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 to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

NOTE: If burned through contact with molten material, cool as quickly as possible with water and seek medical attention. Do not attempt to remove the cooled molten material.

MATERIAL SAFETY DATA SHEET

FEB 1 8 2003

SPILFYTER® Products
Hazmat Sorbents

Page 2 of 5
Revision Date: 06/01/01
MSDS No. 3

Section 5. Fire Fighting Measures

Flash Point: >625 °F
Flammable Limits: NA
Auto-ignition Temperature: >675 °F

NOTE: This material will burn, but it is difficult to ignite.

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

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. Thermal decomposition of this product may produce hazardous and irritating gases. See Section 10.

Section 6. Accidental Release Measures

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 at room temperature in a dry area. When handling, avoid the generation of airborne dust. Storage for extended periods (>30 days) at temperatures >150 °F may cause decomposition. This material produces an electrostatic accumulation hazard. Use proper grounding/bonding procedures.

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.

ACGIH TLV is 10 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: Work gloves

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

Section 9. Physical and Chemical Properties

Appearance: White or colored fabric or particulate
Odor: Odorless
Boiling Point: NA
Vapor Pressure (mmHg): NA
Vapor Density: NA
Solubility in Water: Insoluble
Specific Gravity (H₂O=1): 0.90
Melting Point: >320 °F
pH: NA

Evaporation Rate (Butyl Acetate=1): NA
% Vaporizable by volume (H₂O=100): <0.4

MATERIAL SAFETY DATA SHEETSPILFYTER® Products
Hazmat SorbentsPage 3 of 5
Revision Date: 06/01/01
MSDS No. 3**Section 10. Stability and Reactivity**

Stable: Yes

Conditions to Avoid: See Section 7

Incompatibility (Materials to Avoid): Avoid contact with hot or concentrated nitric and perchloric acids, and fuming sulfuric acid at temperatures >140 °F

Hazardous Decomposition or Byproducts: Thermal decomposition produces carbon monoxide, carbon dioxide, methane, acetone, and other ketones.

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

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

MATERIAL SAFETY DATA SHEETSPILFYTER® Products
Hazmat SorbentsPage 4 of 5
Revision Date: 06/01/01
MSDS No. 3

Abbreviations (cont.):

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

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: na

NOTE: This MSDS has been prepared only for the Hazmat Sorbent Products (S2 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.

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.

MATERIAL SAFETY DATA SHEET

SPILFYTER® Products
Hazmat Sorbents

Page 5 of 5
Revision Date: 06/01/01
MSDS No. 3

If you resell SPILFYTER® Products, you must, by law, furnish your customers a copy of MSDS's and handling instructions.

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

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MATERIAL SAFETY DATA SHEET

SPILFYTER® Products
MERCORSORB® Mercury Amalgamation Powder

Page 1 of 5
Revision Date: 10/01/01
MSDS No. 64

Section 1. Chemical Product and Company Identification

Product Number: 5200 Series
Product Name: MERCORSORB® Mercury Amalgamation Powder

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

CAS Registry #	Component
7440-66-6	Zinc Dust
77-92-9	Citric Acid

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

Section 3. Hazards Identification

☆☆☆☆☆☆☆☆☆☆ Emergency Overview ☆☆☆☆☆☆☆☆☆☆
☆Odorless, very fine, blue, gray, or white powder. Zinc dust reacts with water ☆
☆evolving hydrogen. The heat of the reaction may ignite the hydrogen. ☆
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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 irritate the nose, throat, and upper respiratory system.
Signs and Symptoms:
• Eyes: Redness, Tearing, Possible burns
• Skin: Redness, Swelling, Possible burns
• Inhalation: Discomfort of the nose and throat, headache, fever, chills, muscle aches, nausea, and tiredness. These symptoms may persist for 6 to 24 hours.

Section 4. First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.
Skin: Remove contaminated clothing. Brush off excess powder with a 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 to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.
Ingestion: If swallowed, call a physician or poison control center immediately.