



CHEMICAL MELT BLOWN POLYPROPYLENE SORBENT

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : SpillTech® Chemical Melt Blown Sorbents
PRODUCT VARIATIONS : Used as absorbent pads, in absorbent pillows, absorbent socks and booms
GENERAL USE : Designed for the clean-up of a broad range of hazardous substance including acids, bases, oxidisers, body fluids, oils, fuels, and solvent. It will absorb water-based liquids, petroleum products and solvents.
CHEMICAL FAMILY : Olefin
BRAND NAME : SpillTech®
IMPORTERS LOCATION : pH7, 4 Tawharau Lane, East Tamaki, Auckland 2013, New Zealand
CUSTOMER SERVICE TELEPHONE NUMBER : +64 9 263 3142 | Toll free 0800 323 223
TECHNICAL INFORMATION TELEPHONE NUMBER : 0800 747 111

SECTION 2: HAZARD(S) IDENTIFICATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

*Not considered a hazardous material at temperatures below melting point. Not considered a controlled substance or a carcinogen.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS	PERCENT	CAS NUMBER	OSHA PEL	ACGIH TLV
Polypropylene	>99.7%	9003-07-0	N/A	N/A
Yellow Pigment	<0.3%	N/A	N/A	N/A

SECTION 4: FIRST AID MEASURES

EYE CONTACT : Use eyewash, consult physician if accompanied by pain or irritation.

SKIN CONTACT : N/A

INHALATION : N/A

INGESTION : N/A

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT : 329°C

AUTO IGNITION : 357°C

FLAMMABLE LIMITS : N/A

FIRE EXTINGUISHING MEDIA : Water, Foam, CO₂, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES : Standard procedures for Class A fires

UNUSUAL FIRE AND EXPLOSION HAZARDS: Some carbon monoxide formation is possible under oxygen-lean conditions. Matting will not support combustion. Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid

itself. Sorbents do not make the liquid less hazardous. Always refer to the SDS for the chemical absorbed before proceeding

SECTION 6: SPILLAGE, ACCIDENTAL RELEASE MEASURES

No special steps to be taken if material is spilled or released.

SECTION 7: HANDLING AND STORAGE

Store in dry area. Do not store near open flame, high heat, strong oxidants, or halogenated hydrocarbons.

Polypropylene, when heated, becomes very sticky and will burn. Use self-contained air masks to enter smoky area in the event of fire. Adequate ventilation is required to remove decomposition products when temperature exceeds melting point. Avoid contact with melted product.

Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous.

NOTE: Always refer to the SDS for the chemical absorbed before proceeding.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION : None Required
VENTILATION : None Required
PROTECTIVE GLOVES : None Required
EYE PROTECTION : Safety glasses with side shields are recommended as a good practice for industrial safety.
OTHER PROTECTIVE EQUIPMENT (SPECIFY): None Required

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR : White & virtually odour free
SPECIFIC GRAVITY : 0.88 – 0.92
BOILING POINT (C) : Not Applicable
MELTING POINT (C) : >160°C
SOLUBILITY IN WATER : Insoluble
% VOLATILE BY VOLUME : N/A
EVAPORATION RATE : N/A
VAPOR PRESSURE (mm Hg) : N/A
VAPOR DENSITY (Air = 1) : N/A

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL REACTIVITY : STABLE
HAZARDOUS REACTIONS : HAZARDOUS POLYMERISATION WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS : Product is practically non-toxic and is unlikely to cause any skin irritation. In its molten state the material will have a T° in excess of 150° C and will cause severe burns. Pre-existing eye and respiratory conditions may be aggravated by exposure to material fines and fumes at processing T°.

INGESTION : Non-toxic

EYE : No hazard anticipated under normal conditions

SKIN : No hazard anticipated under normal conditions

INHALATION : No hazard anticipated under normal conditions

There is no release of any noxious fumes from polypropylene at ambient T°. **If heated to T° above 250° C** the fumes could be irritating to the respiratory system.

SECTION 12: ECOLOGICAL INFORMATION

NO DATA.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal must be done in accordance with local, state and federal regulations based on chemicals adsorbed by products.

Sorbents will take on the characteristics/properties of whatever liquid is absorbed. Therefore, all measures must be taken as if you were handling the liquid itself. Sorbents do not make the liquid less hazardous.

NOTE: Always refer to the SDS for the chemical absorbed before proceeding.

SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Non Hazardous

SECTION 15: REGULATORY INFORMATION

NO DATA.

SECTION 16: OTHER INFORMATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

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