

MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-350

ISSUE DATE: 9/1/15

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1. PRODUCT IDENTIFICATION

Product Name

Trexel TecoCell® H1 Chemical Foam Concentrate

Emergency Phone:

1-973-627-4070 (U.S.A.)

Medical Emergency Phone:

1-973-627-4070 (U.S.A.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient

Proprietary

% By Weight

Proprietary

CAS Number

N/A

3. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

White waxy pellet with characteristic slight waxy odor.
May be harmful if swallowed or inhaled.
May severe eye irritant.
May be a moderate skin irritant.
May be flammable.

HMIS Rating

Health 2

Fire 1

Reactivity 0

Potential Health Effects

EYE: Not expected to be a hazard in normal use.

SKIN CONTACT: Not expected to be a hazard in normal use.

INGESTION: Not expected to be a hazard in normal use.

INHALATION: Not expected to be a hazard in normal use.

Inhalation of dusts may cause irritation to the nose, throat and lungs.

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SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. The ingredients are not listed as a carcinogen or potential carcinogen by IARC, NTP, OSHA OR ACGIH.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with clean flowing water, occasionally lifting upper and lower eyelids. After a few minutes, check for and remove contact lenses if present. Continue flushing for 15 minutes. Get medical attention immediately.

SKIN: Wash affected area with soap or mild detergent and large amounts of water. Seek medical attention if irritation develops.

INHALATION: Remove from area of exposure. Treat symptomatically. Seek medical attention if irritation develops or if person has difficulty breathing.

INGESTION: Do not induce vomiting. If patient is conscious and can swallow, give two glasses of water to drink. **Do not attempt to give anything orally to an unconscious person.** Seek medical attention.

NOTE TO PHYSICIAN: No additional information available.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Not known
METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable
UFL: Not applicable

EXTINGUISHING MEDIA: All conventional media are acceptable.

FIRE-FIGHTING INSTRUCTIONS: Carbon dioxide, carbon monoxide and irritating dusts may be generated by thermal decomposition. Wear a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Any finely distributed organic dust may pose an explosion hazard. Ground all equipment.

6. ACCIDENTAL RELEASE MEASURES

Scoop up into clean, dry waste container. Avoid stirring up dusts. Prevent eye and skin contact and inhalation of dusts by wearing appropriate protective equipment (See Section 8).

7. HANDLING AND STORAGE

Store in cool, dry areas and away from incompatible substances (acids, alkalis and oxidizers.).

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Carbon dioxide may be liberated which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide levels have been determined to be safe.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED EXPOSURE LIMIT: 10 mg/m³ as a nuisance dust (ACGIH).

RESPIRATORY PROTECTION: Wear a NIOSH approved dust respirator if dust level exceeds recommended exposure limit. Respiratory protection is recommended for any level of dust generation.

PROTECTIVE GLOVES: General purpose for handling dry material.

EYE PROTECTION: Safety glasses with side shields or chemical safety goggles if excessive dust is generated. Do not wear contact lenses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Full cover clothing. Local eyewash is recommended.

ENGINEERING CONTROLS: Use local exhaust if total dust level exceeds 10 mg/m³.

PROTECTIVE WORK/HYGIENIC PRACTICES: No special requirements other than those noted above with respect to chemical exposure during handling. Personal protection, with respect to specific applications of this material, is the responsibility of the user.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-White pellet.

ODOR: Characteristic waxy odor.

PHYSICAL STATE: Solid

pH (1% SOLN. w/v): Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

BOILING POINT: Not applicable

FREEZING/MELTING POINT: ~100c

SOLUBILITY IN WATER: Insoluble

BULK DENSITY (lbs/cubic f.): >34

% VOLATILE: Not applicable

VOLATILE ORGANIC COMPOUNDS: Not applicable

MOLECULAR WEIGHT: Not applicable.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

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CONDITIONS TO AVOID: Store away from heat, flames, oxidizers, acids and bases.

INCOMPATIBILITY WITH OTHER MATERIALS: Reacts with acids or bases to form carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Can yield sodium oxide at temperatures above 850°C.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: May be an eye irritant.

SKIN EFFECTS: May be skin irritant.

ACUTE ORAL EFFECTS: Although low in toxicity ($LD_{50} \sim 3000 - 4000 \text{ mg/kg}$), may cause corrosion of gastric mucous membranes and gastrointestinal disturbances such as heaves, vomiting, abdominal pain.

INHALATION EFFECTS: Dusts either inhaled or aspirated during ingestion may cause mucous membrane and upper respiratory irritation.

12. DISPOSAL CONSIDERATIONS

Bury in secure landfill in accordance with all local, state and federal environmental regulations. State and local regulations may differ from federal. Be sure to consult appropriate agencies for specific rules. Empty containers may be incinerated or discarded as general trash.

13. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

TECHNICAL SHIPPING NAME: Trexel TecoCell® H1 Chemical Foam Concentrate

D.O.T. HAZARD CLASS: None

U.N./N.A. NUMBER: None

HAZARDOUS SUBSTANCE/RQ: None

D.O.T. LABEL: None

D.O.T. PLACARD: None

14. REGULATORY INFORMATION

The components of this material are reported in the US EPA TSCA Inventory and the Canadian DSL.

CERCLA REPORTABLE QUANTITY: None

RCRA: Not a hazardous material or a hazardous waste by listing or characteristic.

SARA TITLE III:

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Section 302, Extremely Hazardous Substances: None
Section 311/312, Hazardous Categories: Immediate (Acute)
Section 313, Toxic Chemicals: None

15. MISCELLANEOUS INFORMATION

This material is not listed as a carcinogen or potential carcinogen by NTP Annual Report, IARC Group I or II, OSHA 29 CFR Part 1910 Subpart Z, or ACGIH Appendix A.

FDA: The alkali and acids are affirmed as a GRAS direct food additive (21 CFR 184.1742).

EUROPEAN INVENTORY (EINECS NUMBER): Not Applicable.

This product is manufactured by Polyfil Corporation. The information contained within this document is based solely on information furnished by the suppliers of the individual ingredients. This information is solely for the purpose of compliance with OSHA's Hazard Communication Standard, 29CFR 1910.1200, and the Canadian Environmental Protection Act, Canada Gazette Part II, Vol. 122, No.2 and shall not be used for any other purpose. Polyfil Corporation makes no warranty or claim to the accuracy or validity of the information provided by the individual material suppliers

SUPERSEDES DATE: New

REASON FOR REVISION: New

**MATERIAL SAFETY
DATA SHEET**

Manufactured by:

Polyfil Corporation
74 Green Pond Road
Rockaway, NJ 07866

USA