

# Safety Data Sheet

\*\*\* Section 1 – Chemical Product and Company Identification \*\*\*

## Product Name: HM 002

Chemical Name: Synthetic Polymer

### Manufacturer Information

Stewart Superabsorbents LLC  
1954 Main Avenue SE  
Hickory, NC 28602

Non-Emergency # 828-855-9316

**Emergency # (828) 855-9316**

### General Comments

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire exposure, or accident involving the product. All non-emergency questions should be directed to the customer service number.

\*\*\* Section 2 – Hazards Identification \*\*\*

### Emergency Overview

Synthetic Polymer has a physical state of solid. The color is amber.

Contact with molten product will cause thermal burns. Vapors/fumes may be irritating at application temperatures.

### Potential Health Effects: Eyes

Mild eye irritant. Exposure to hot material may cause thermal burns.

### Potential Health Effects: Skin

Skin contact at room temperature is not irritating. Contact with product at elevated temperatures can result in thermal burns.

### Potential Health Effects: Ingestion

Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

### Potential Health Effects: Inhalation

Can cause minor respiratory irritation. Vapors may have an offensive odor that may cause headaches, nausea, and vomiting.

### Long-Term (Chronic) Health Effects

Targets organ(s): No organs known to be damaged from exposure to this product.

### Regulated Carcinogen Status:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens  
EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: No medical conditions affected by exposure.

\*\*\* Section 3 – Composition / Information on Ingredients \*\*\*

### CAS #

8002-74-2  
69227-09-4

### Component

Waxes, paraffin and hydrocarbon  
Sodium dodecylbenzenesulfonate

# Safety Data Sheet

**Product Name: HM 002**

## Component Information/Information on Non-Hazardous Components

Unlisted ingredients are not "hazardous" per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines

### \*\*\* Section 4 – First Aid Measures \*\*\*

#### First Aid: Eyes

None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard. For hot product, immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention.

#### First Aid: Skin

Wash with soap and water. For hot material, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean gauze and do not attempt to remove the material yourself. Get prompt medical attention. Medical personnel: coat with mineral oil to soften material for removal.

#### First Aid: Ingestion

Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

#### First Aid: Inhalation

Remove to fresh air. Call a physician if symptoms persist. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop..

### \*\*\* Section 5 – Fire Fighting Measures \*\*\*

#### General Fire Hazards

**Flash Point:** > 204 C (400 F) Cleveland Closed Cup  
**Autoignition Temperature:** Non established  
**Lower Explosive Limit (% in air):** Non established  
**Upper Explosive Limit (% in air):** Non established  
**Unusual Fire and Explosion Hazards:** Material will burn in a fire.

#### Hazardous Combustion Products

Carbon dioxide, Carbon monoxide, Nitrogen containing gases, Sulfur containing gases

#### Extinguishing Media

A solid stream of water may scatter molten product. Use water spray, foam, dry chemical or carbon dioxide.

#### Fire Fighting Equipment/Instructions

Person exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

### \*\*\* Section 6 – Accidental Release Measures \*\*\*

#### Containment Procedures

No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of the SDS.

#### Clean-Up Procedures

Allow molten material to solidify before disposal.

#### Evacuation Procedures

None required.

# Safety Data Sheet

Product Name: HM 002

## \*\*\* Section 7 – Handling and Storage \*\*\*

### Handling Procedures

No special handling instructions due to toxicity. Avoid breathing vapors/fumes of heated product. Prevent contact with molten product.

### Storage Procedures

Store in a cool, dry place.  
Consult the Technical Data Sheet for specific storage instructions

## \*\*\* Section 8 – Exposure Controls/Personal Protection \*\*\*

### Eye Protection:

Wear safety glasses when handling this product.

### Skin Protection:

Not normally required. Wear chemically resistant gloves to prevent prolonged or repeated contact. When material is heated, wear thermally insulating gloves to protect against thermal burns.

### Gloves:

Not normally required. Use nitrile gloves if conditions warrant.

### Respiratory Protection:

No Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

### Ventilation:

Use local exhaust ventilation or other engineering controls to minimize exposures. At the application temperature, use of local exhaust over the premelting reservoir is encouraged.

### Exposure Limits:

Chemical Name	ACGIH EXPOSURE LIMITS	OSHA PEL
Waxes, paraffin and hydrocarbon	2 mg/m <sup>3</sup> TWA (fume)	Not established
Sodium dodecylbenzenesulfonate	Not established	Not established

## \*\*\* Section 9 – Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Solid, Color: Amber	<b>Odor:</b>	Neutral
<b>Physical State:</b>	Solid	<b>pH:</b>	Not established
<b>Vapor Pressure:</b>	Not established	<b>Vapor Density:</b>	Not established
<b>Boiling Point:</b>	Not established	<b>Melting Point:</b>	Not established
<b>Solubility (H<sub>2</sub>O)</b>	Not soluble	<b>Specific Gravity:</b>	1.25
<b>Evaporation Rate:</b>	Not established	<b>Flash Point:</b>	>204C (400F) Cleveland Closed Cup

## \*\*\* Section 10 – Chemical Stability & Reactivity Information \*\*\*

### Chemical Stability

Stable under normal conditions.

### Incompatibility

Not established

### Hazardous Decomposition

Carbon monoxide, carbon dioxide, Nitrogen containing gases, Sulfur containing gases

### Hazardous Polymerization

Will not occur.

# Safety Data Sheet

**Product Name: HM 002**

\*\*\* Section 11 – Toxicological Information \*\*\*

COMPONENT	LD50/LC50
Waxes, paraffin and hydrocarbon	Not established
Sodium dodecylbenzenesulfonate	Oral LD50 Rat 438 mg/kg

TOXICOLOGY SUMMARY: No additional health information available.

\*\*\* Section 12 – Ecological Information \*\*\*

No ecological information available.

\*\*\* Section 13 – Disposal Considerations \*\*\*

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult state, local or provincial authorities for more restrictive requirements.

\*\*\* Section 14 – Transportation Information \*\*\*

**International Transportation Regulations**

Consult Bill of Lading for transportation information

**DOT:**

Not regulated

**IATA:**

Not regulated

\*\*\* Section 15 – Regulatory Information \*\*\*

**Inventory Status**

**A: U.S. EPA TSCA**

This product is in compliance with the Toxic Substance Control Act's Inventory requirements..

**B: Canadian CEPA DSL**

The components of this product are included on the DSL or are exempt from DSL requirements.

**C: European Einesc**

As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

**D: Australia Aics**

This product is in compliance with the Australian Inventory of Chemical Substances requirements.

**E: Korean TCCL**

This product is in compliance with the Korean Existing Chemicals List requirements.

**Federal Reporting**

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

**WHMIS Status:** Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

# Safety Data Sheet

**Product Name: HM 002**

\*\*\* Section 16 – Other Information \*\*\*

## **RoHS 2 Analysis**

This product complies with the requirements of the European Union's RoHS2 Directive, formally known as "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment."

## **REACH SVHC**

This product contains no Substances of Very High Concern (SVHC) as identified by the European Chemicals Agency (ECHA) under the European Union's REACH regulation 1907/2006/EC.

## **Other Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

**HMIS RATING: HEALTH -- 0 FLAMMABILITY -- 1 REACTIVITY -- 0**

## **SDS History**

This is a new SDS.

This is the end of SDS