

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT and COMPANY IDENTIFICATION

Manufacturer

U.S. PLY, INC.
P.O. Box 11740
Ft. Worth, TX 76110

Non Emergency Information

Telephone: U.S. PLY, INC. (877) 628-7759 or (817) 413-0103

Emergency Information

Transportation Emergency Telephone: 1-800-424-9300.

Product Name: USP REMAT, USP REMAT 100, USP REMAT 225 (all sizes)

Chemical Name: Fiberglass mat for roof coating

SECTION 2 - COMPOSITION (Information on Ingredients)

Component	CAS No	Weight %
Chemical Name (common names)		
Chopped Glass Fibers	65997-17-3	92 - 98
Binder	Proprietary	2 - 8

SECTION 3 - HAZARDS IDENTIFICATION

Odor, Color, Grade: Odorless, white fiber mat.

General Physical Form: Solid

Immediate health, physical, and environmental hazards: This product, when used under reasonable conditions and in accordance with the manufacturer's directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

Eye Contact: Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.

Dust created by cutting, grinding, sanding, or machining may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Skin Contact: Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

Inhalation: Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: No health effects are expected.

SECTION 4 - FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

If Swallowed: No need for first aid is anticipated.

SECTION 5 - FIRE FIGHTING MEASURES

Autoignition temperature: *Not Applicable*
Flash Point: *Not Applicable*
Flammable Limits – LEL: *Not Applicable*
Flammable Limits – UEL: *Not Applicable*

Extinguishing Media: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: No unusual fire or explosion hazards are anticipated.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For major spills call CHEMTREC (800-424-9300).

Accidental Release Measures: Observe precautions from other sections. Call U.S. Ply Technical Services (1-866-787-4759) for more information on handling and managing the spill. Collect as much of the spilled material as possible. Clean up residue with water. Using appropriate and recommended personal protective equipment, sweep up the spilled material. Dispose of collected material as soon as possible. Use wet sweeping compound or water to avoid dusting. Vacuum or sweep up.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid breathing of dust created by cutting, sanding, grinding or machining. This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

Storage: Not Applicable

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS Provide local exhaust ventilation at transfer points. Provide appropriate local exhaust for cutting, grinding, sanding or machining. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits

and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

PERSONAL PROTECTIVE EQUIPMENT (PPE) Eye/Face Protection To minimize the risk of injury to face and eyes, always wear eye and face protection when working at sanding or grinding operations or when near such operations.

Skin Protection Avoid skin contact. Wear appropriate gloves to minimize risk of injury to skin from contact with dust or physical abrasion from grinding or sanding.

Respiratory Protection Avoid breathing of dust created by cutting, sanding, grinding or machining.

Prevention of Swallowing Wash hands after handling and before eating. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

Read all product instructions before using. Personal protective equipment should include safety eye wear, fire resistant gloves, and long sleeve work clothes to prevent excessive skin contact. No special ventilation systems are required under normal conditions of use in well ventilated areas.

EXPOSURE GUIDELINES

Ingredient	RECOMMENDED BY U.S. PLY	Additional Information
Chopped Glass Fibers	10 mg/m ³ TWA, as dust	

ACGIH: American Conference of Government al Industrial Hygienists
 AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)
 CMRG: Chemical Manufacturer Recommendation Guideline
 OSHA: Occupational Safety and Health Administration

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Odorless, white fiber mat.
General Physical Form:	Solid
Autoignition temperature:	<i>Not Applicable</i>
Flash Point:	<i>Not Applicable</i>
Flammable Limits – LEL:	<i>Not Applicable</i>
Flammable Limits – UEL:	<i>Not Applicable</i>
Boiling point:	<i>No Data Available</i>
Density:	2.6
Vapor Density:	<i>Not Applicable</i>
Vapor Pressure:	<i>Not Applicable</i>
Specific Gravity:	<i>Not Applicable</i>
pH:	<i>Not Applicable</i>
Melting point:	800 °C
Solubility in Water:	Nil
Evaporation rate:	<i>Not Applicable</i>
Viscosity:	<i>Not Applicable</i>

SECTION 10 - STABILITY AND REACTIVITY

Stability: This product is a stable material. This product is not reactive.

Conditions to avoid

None known

Materials to avoid

None known

Hazardous Polymerization: Hazardous polymerization will not occur

Hazardous Decomposition or By-Products**Substance****Condition**

Irritant Vapors or Gases

At Elevated Temperatures - Above 200°C

Hazardous Decomposition: Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data is available.

SECTION 12 - ECOLOGICAL INFORMATION

General Product Information: No additional information is available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator. As a disposal alternative, incinerate in an industrial or commercial facility.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14 - TRANSPORTATION INFORMATION**ID Number(s):**

USP REMAT, USP REMAT 100, USP REMAT 225: 98-0213-4540-4, 98-0213-4541-2, 98-0213-4542-0

Transportation Emergency Telephone Number: 1-800-424-9300 (CHEMTREC)

Freight Classification: Roofing composition or prepared roofing.

SECTION 15 - REGULATORY INFORMATION

US Federal Regulations: Contact U.S. Ply for more information.

State Regulations: Since state regulations vary, consult applicable regulations or authorities for more information.

Chemical Inventories: The components of this product are in compliance with the chemical notification requirements of TSCA.

International Regulations: No data available

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16 – OTHER INFORMATION**NFPA Hazard Classification:****USP REMAT, USP REMAT 100, USP REMAT 225****Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification:**USP REMAT, USP REMAT 100, USP REMAT 225****Health: 1 Flammability: 0 Reactivity: 0 Protection: X -See PPE Section**

Hazardous Material Identification System (HMIS®) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

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Information contained herein is deemed to be reliable, conservative and accurate. U.S. PLY, Inc. reserves the right to change the design, specification or any other features at any time, without notice, while otherwise maintaining regulatory compliance.

U.S. Ply MSDSs are available at www.usply.com

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No revision information is available