

MATERIAL SAFETY DATA SHEET

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 POLYFORCEMENT

Chemical Name: Polyester Fabric

2. COMPOSITION (Information on Ingredients)

Component	CAS No	Weight %
Chemical Name (common names)		
No ingredients in this product are hazardous as defined by the U.S. Department of Labor.		

3. HAZARDS IDENTIFICATION

Routes of Exposure

Eye or skin contact with product.

Effects of overexposure

Eye Contact: irritation.

Skin: prolonged or repeated exposure may cause irritation.

Inhalation: irritation of the upper respiratory system.

Signs and symptoms of overexposure: Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical conditions aggravated by exposure: None generally recognized.

Cancer information: For complete discussion of toxicology data refer to Section 11.

4. FIRST AID MEASURES

Inhalation: If breathing difficulty is experienced, move to a fresh air place. Drink water to clear throat and blow nose to remove dust. If difficulty persists, seek medical attention.

Skin Contact: Wash gently with soap and warm water. For molten asphalt contact, cool with ice or water. Do not attempt to remove asphalt immediately. Cover with petroleum jelly (Vaseline). Remove the asphalt has softened. If irritation develops, use a delicate cream. If symptoms persist, in case of redness or blistering seek medical attention for burn treatment.

Eye Contact: Do not rub or scratch eyes. Dust particles may cause the eye to be scratched. Bathe eye immediately with a large amount of water for at least 15 minutes. If irritation persists, seek medical attention immediately.

Ingestion: This product is not intended to be ingested. Do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point: N/A

Flammable Limits:

Lower Explosive Limit N/A

Upper Explosive Limit N/A

Auto Ignition: N/A

General Fire Hazards: There is no potential for fire or explosion.

Extinguishing Media: Foam, CO2, dry chemical or water spray

Special Fire-fighting Procedures: Combustible. Avoid breathing fumes. Wear self-contained breathing apparatus (SCBA) with full face mask and full protective clothing.

Unusual Fire and Explosive Hazards: When heated, fumes may burn if ignition source is provided. Petroleum asphalt fumes can explode if emitted in an enclosed environment and supplied with an ignition source. Burning product will cause thick black smoke.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: N/A

Environmental Precautions: Pick up large pieces of material. Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation. These procedures will help to minimize potential exposures.

Clean-up Methods: This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact the local Public Health Department, or the local office of the EPA.

7. HANDLING AND STORAGE

Handling: Use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material. Avoid direct exposure to very high heat or flame.

Storage: Keep away from heat, sparks or open flame. Store standing upright on end. Material should be kept dry, and protected from the elements. Recommended storage temperature is between 55°F to 95°F (12.7°C to 35°C). Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This material may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Required for long or repeated contact.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid	Self-Flammability:	None Established
Appearance:	White fabric.	Auto-Flammability:	None Established
Odor:	None	pH:	N/A
Specific Gravity:	1.03	Vapor Pressure:	N/A
Boiling Point:	N/A	Solubility in Water:	Not soluble
Flash Point:	Not Determined	Explosion data:	N/A
Melting Point:	Not Available	VOC:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability

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

Incompatibility

This product will react with strong oxidizing agents, reducing agents, strong acids and alkalis.

Hazardous Decomposition

Oxides of carbon (carbon monoxide, carbon dioxide, carbon particles, and hydrocarbons) are derived from burning.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

No data is available.

12. ECOLOGICAL INFORMATION

General Product Information: No additional information is available.

13. DISPOSAL CONSIDERATIONS

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14. TRANSPORTATION INFORMATION

Shipping Information

This product is not classified as a hazardous material for transport.

Freight Classification: Roofing composition or prepared roofing.

15. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA)

The components in this product are listed on the TSCA Inventory.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

None

SARA Title III:

None of the products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

16. OTHER

NFPA: Health 1; Fire 1; Reactivity 0
HMIS: Health 1; Flammability 1; Reactivity 0

Prepared by:
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Fort Worth, TX USA 76110

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