



INTEGRITY DEFENSE ARMOR

5446 1ST STREET, SUITE A, KATY, TX 77493

**MATERIAL SAFETY DATA SHEET:
RM-PE1 (UD UHMW POLY ETHYLENE)**

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1. Product Name: RM-PE1 *UD-PE, UD UHMWPE*
2. Company: Veterans MFG
5446st, St., Katy, TX 77493
3. Emergency Telephone: +1-832-437-3869
4. Use: Soft armor, hard armor, armor panels, armor plates, armor sheets

2. HAZARD IDENTIFICATION:

1. Color: White/off-white
2. PH: No data available
3. Water solubility: negligible
4. Incompatibility: Strong oxidizing agents
5. Hazardous decomposition: Carbon Monoxide, Carbon Dioxide, selected Alkanes and Aldehydes including Acrolein and Formaldehyde
6. Melting Point: 140C

3. COMPOSITION/INFORMATION ON INGREDIENTS:

1. Polyethylene CAS: 9002-88-4 -- Weight >99%, waxy solid waxy odor

4. FIRST AID MEASURES:

1. Inhalation: If large amounts of dust are inhaled, remove to fresh air, if breathing is difficult give oxygen. Seek medical attention immediately.
2. Skin Contact: If irritation occurs, flush area thoroughly with water. Wash off with soap and water, seek medical attention if irritation develops and persists.
3. Eye contact: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
4. Ingestion: Not a probable route of exposure. However, in case of accidental ingestion, call a physician.

5. FIRE FIGHTING MEASURES:

Extinguishing media

1. Suitable extinguishing media: Water fog, water spray, foam, dry chemical, carbon dioxide (CO₂)
2. Auto flashpoint >350 °C (662 °F)
3. Special protective equipment for firefighters: Wear self-contained breathing apparatus (SCBA). Wear full protective equipment. Evacuate personnel and keep upwind of fire.

6. HANDLING AND STORAGE

Precautions for safe handling Advice on safe handling:

1. Use personal protective equipment as required. Store avoiding ultra-violet light