



Protective Linings for Industrial Applications

RE-PRO[®]

New Environmentally Friendly
ECO-PRO[™]
Heavy Duty Liner



UHMW-PE

Grade Name: Re-Pro, ECO-PRO, and ARMOR GREY HT

FOR VIRGIN NATURAL, VIRGIN COLOR & REPRO COLOR PRODUCTS

AS WE INTERPRET THE HAZARDOUS PRODUCTS ACT, THESE PRODUCTS SHOULD NOT BE CONSIDERED HAZARDOUS MATERIALS.

I. GENERAL INFORMATION:

Chemical Name:	Ultra-High-Molecular-Weight-Polyethylene	Material Use:	Sheet, Rod
Molecular Weight:	3 – 5,000,000	CAS#:	9002-88-4
Chemical formula:	(-CH ₂ -CH ₂) _n		

II. HAZARDOUS INGREDIENTS: None

III. PHYSICAL DATA:

Physical State:	Solid	Evaporation rate:	N/A
Odor:	Slight waxy odor	% volatile /by volume):	N/A
Appearance:	White or color solid	Melting point:	270-280°F
Specific gravity:	0,930 – 0,980	Boiling point:	N/A
Vapor pressure:	N/A	Solubility in water:	Negligible
Vapor density:	N/A		

IV. FIRE AND EXPLOSION HAZARD:

Flash point:	N/A
Autoignition temperature:	>662°F (350°C)
Hazardous combustion products:	Carbon monoxide, carbon dioxide
Upper flammable limit in air:	N/A
Lower flammable limit in air:	N/A
Extinguishing media:	Water, foam, carbon dioxide or dry chemical
Special fire-fighting procedures:	Standard procedures for Class A fires
Explosion hazards:	N/A



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V. HEALTH HAZARD DATA:

Particular information pertaining specific risk for human / environment:

No special hazards have to be mentioned.

After skin contact:

After contact with molten product, cool quickly with cold water. Take for medical treatment.

VI. STABILITY AND REACTIVITY DATA:

STABILITY: Unstable: _____ Stable: X

Hazardous decomposition products: None

Thermal decomposition, Value: appr. 626°F (330°C)

VII. ENVIRONMENT PROTECTION PROCEDURES:

Spill Response: Sweep up for Disposal or reuse.

Waste Disposal:

Incineration or landfill – dispose of in accordance with Federal, State and Local regulations.

VIII. SPECIAL PROTECTION INFORMATION:

Ingredients with occupational exposure limits to be monitored

None

Eye protection:

Safety glasses

Other protection:

Gloves and protective garments when handling molten material.

IX. SPECIAL PRECAUTIONS:

General protective and hygiene measures:

Wash with soap and water.

Do not eat, drink or smoke during work time.