



Material Safety Data Sheet – OSHA 174

Materials Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

US Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No. 1218-0072

H.M.I.S. RATING

Health	1
Flammability	0
Reactivity	0
Protective Equip.	B

GlobalPly E – Single Ply Roofing Membrane

Section I

Manufacturer's Name GlobalShield, Inc.	Emergency Telephone 800-424-9300 (ChemTrec)	Telephone 800-974-7663
Address GlobalShield 320 Northpoint Pkwy. Suite O Acworth, GA 30102	Primary Contact Technical Services	Email info@globalshield.us
	NFPA 704	Preparer's Signature <i>Jerry Solou</i>

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TLV	Other	Percent
---------------------	------	----------	-----------	-------	---------

This material is not classified as hazardous under Federal OSHA regulations.

Section III Physical / Chemical Characteristics

Boiling Point >650°F	Melting Point >250°F	Max VOC (g/l) N/A
Vapor Pressure (mm Hg) N/A	Evaporation Rate (Butyl Acetate=1) N/A	Max VOC (lbs/gal) N/A
Vapor Density (Air=1) N/A	Weight Per Gallon 11.47 ± 0.3	% Solids Volume 100
Color White, Tan, Gray	Solubility in Water Insoluble	% Solids Weight 100
Odor Slight vinyl odor	Appearance Solid sheet	% Volatile <0.4
Specific Gravity 1.38	PH N/A	

Section IV Fire and Explosion Hazard Data

Flash Point Method TCC	Flash Point Temperature N/A	LEL Flammable Limit Not determined	UEL Flammable Limit Not determined
----------------------------------	---------------------------------------	--	--

Extinguishing Media

Dry chemical, foam, water fog, CO2

Fire Fighting Procedures

Firemen should wear MSHA/NIOSH approved self-contained apparatus to protect against inhalation of combustion products.

Unusual Fire and Explosion Hazards

This product is nonflammable and nonexplosive under normal conditions of use. At high temperatures this product can decompose to give off hydrochloric acid and gas.

Section V Reactivity Data

Stability

Material is Stable

Incompatibility (Materials to Avoid)

Non-reactive

Hazardous Polymerization

Will Not Occur

Conditions to Avoid

Temperatures above 450°F (232°C).

Hazardous Decompositions or Byproducts

Hydrogen chloride, carbon monoxide, carbon dioxide and very small amounts of aromatic and aliphatic hydrocarbons.

Section VI Health Hazard Data

Emergency Overview:

Single Ply Roofing Membrane as sold in solid form is generally not considered hazardous. However, if the process involves elevating temperature above 450°F (232°C), hazardous levels of airborne gasses could be generated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Persons with asthma may experience respiratory irritation upon exposure to fumes.

Routes of Entry

If In Eyes

Symptoms

- Mechanical irritation

Emergency and First Aid Procedures

- Flush gently with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally.

If Ingested

Symptoms

- Not a probable route of exposure.

Emergency and First Aid Procedures

If Inhaled

Symptoms

- Dizziness, headaches, or even unconsciousness.
- Coughing.
- Shortness of breath.

Emergency and First Aid Procedures

- Remove from vapor immediately and if breathing is difficult, administer oxygen.
- If overcome, call physician.
- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

If on Skin

Symptoms

- Not applicable

Emergency and First Aid Procedures

Section VII Precautions for Safe Handling and Use.

Steps to be taken in case material is released or spilled:

Not applicable.

Waste Disposal Method:

Standard refuse disposal. Wastes are classified as non-hazardous by U. S. Environmental Protection Agency (EPA) and as per definition by Resource Conservation and Recovery Act (RCRA). Follow all local, state, and federal regulations governing waste disposal.

Use protective equipment as described in Section IX. Keep away from heat or flame and protect from the elements.

Precautions for Handling and Storage:

Do not store containers near heat, sparks, open flames or other sources of ignition. Wear appropriate personal protective equipment when handling product. Wash hands after using product and before eating or smoking.

Other Precautions:

Wash skin thoroughly with soap and water after contact.

Section VIII Control Measures

Ventilation

Local exhaust recommended when welding or processes involves elevating the temperature above 450°F (232°C); and/or when general ventilation is not adequate.

Protective Equipment Required

Respirator

Not normally required.

Gloves

Protection gloves are recommended, to prevent mechanical irritation. If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.

Goggles

Not normally required.

Section IX Special Precautions for Safe Handling and Storage
Precautions for Handling and Storage

None

Other Precautions

None

Section X Transportation Data

DOT

Not Regulated

IMDG

Not Regulated

IATA

Not Regulated

Section XI Regulatory Information

OSHA: Not Regulated

TSCA (Toxic Substances Control Act) Regulations: Not listed.

SARA: This material does not contain any substances in the list on Toxic Chemicals subject to Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III), in excess of the applicable de minimis concentrations as specified in Section 372.38 (a).

California Proposition 65: This product does not contain a chemical known to the state of California to cause cancer, birth defects or any other harm.

Section XII Other Information

Glossary: ACGIH- American Conference of Governmental Industrial Hygienist
IARC- International Agency for Research on Cancer
MSHA- Mine Safety and Health Administration
NIOSH- National Institute for Occupational Safety and Health
NTP- National Toxicology Program
OSHA- Occupational Safety and Health Administration

For Your Protection: GlobalShield, Inc. warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. THE USER SHOULD CONDUCT SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE. Liability of GlobalShield, Inc. for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with proper shipping, handling, and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.