



Polyply Composites LLC
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 ISO 2001 Certified

MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

MANUFACTURER,S NAME

Polyply Composites Inc.

EMERGENCY TELEPHONE NO.

(616) 842 - 6330

ADDRESS

1540 Marion Street, Grand Haven, MI 49417

PRODUCT NAMES

FIBERGLASS REINFORCED POLYESTER

CHEMICAL NAME

POLYMERIZED UNSATURATED POLYESTER RESIN, MINERAL & GLASS FILLED

-INDUSTRIAL

CHEMICAL FAMILY

UNSATURATED POLYESTER / STYRENE

-MOLDED PARTS

FILE NAME: MSDS1

REVISION: D REVISION DATE: 01/10/2011

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or Greater; Carcinogens 0.1% or Greater)	%*	OSHA PEL	ACGIH TLV	COMMENTS
POLYMERIZED POLYESTER MATRIX	55-90			
GLASS FIBER CAS NO 65997-17-3	10-45	15MG/³ 5MG/M³	10MG/M³ 5MG/M³	TOTAL NUISANCE DUST RESPIRABLE NUISANCE DUST

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	Not Determined	Specific Gravity (H2O=1)	1.7 - 2.2
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	Not Determend
Vapor density (Air =1)	N/A	Evaporation Rate	N/A
Solubility in Water	N/A	Water Reactive	NO
Appearance and Odor	CAN BE ANY SIZE AND SHAPE, NO NOTICEABLE ODOR		

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-Ingition Temperature	N/A	Flamability Limits in Air % by Volume	LEL N/A	UEL N/A
Extinguisher Media	WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL - SAME AS WOOD FIRE					
Special Fire Fighting Procedures	PROTECTIVE CLOTHING, SELF CONTAINED MSHA/NIOSH APPROVED BREATHING APPARATUS. DO NOT BREATHE FUMES					
Unusual Fire and Explosion Hazards	None					



SECTION 4 - REACTIVITY HAZARD DATA**STABILITY**

- Stable
 Unstable

Conditions
To Avoid N/A

Incompatibility
(Materials to Avoid) STRONG OXIDIZING AND REDUCING AGENTS AND STRONG ACIDS AND ALKALIES.

Hazardous
Decomposition Products MAY PRODUCE DENSE SMOKE, OXIDES OF CARBON, NITROGEN AND SULFUR.

HAZARDOUS POLYMERIZATION

- May Occur
 Will Not Occur

Conditions
To Avoid N/A

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY Inhalation Ingestion Skin Absorption Not Hazardous

CARCINOGEN LISTED IN

NTP OSHA
 IARC Monograph Not Listed

HEALTH HAZARDS
 Acute DUST AND PARTICULATE MATTER MAY CAUSE IRRITATION TO EYES, SKIN, AND MOUTH
 Chronic PROLONGED CONTACT MAY CAUSE DERMATITIS

Signs and Symptoms
of Exposure REDNESS, ITCH, TROUBLE BREATHING

Medical Conditions Generally
Aggravated by Exposure

EMERGENCY FIRST AID PROCEDURES - **Seek Medical assistance for further treatment, observation and support if necessary.**

Eye Contact
FLUSH WITH WATER FOR AT LEAST 20 MINUTES

Skin Contact
WASH AREA WITH MILD SOAP AND WATER. NOT KNOWN TO BE ABSORBED THROUGH SKIN

Inhalation
REMOVE TO FRESH AIR. IF SEVERE, OXYGEN OR CPR MAY BE ADMINISTERED.

Ingestion
GIVE TWO LARGE GLASSES OF WATER.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection
(Specify Type) DUST MASK - NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS

Protective Gloves POLYMERIC OR CLOTH Eye Protection SAFETY GLASSES WITH SIDE SHIELDS

VENTILATION TO BE USED

Local Exhaust Mechanical (general) Special
 Other (specify) VENTILATION TYPE IS DETERMINED BY EXPOSURE

Other Protective
Clothing and Equipment APRON OR OTHER BODY COVERING

Hygienic Work
Practices THE NEED FOR LOCAL VENTILATION

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken If
Material Is Spilled Or
Released PRODUCT IS NOT CLASSIFIED AS HAZARDOUS BY THE EPA. HOWEVER, DISPOSE IN APPROPRIATE CONTAINERS

Waste Disposal
Methods IT IS THE USERS RESPONSIBILITY TO DISPOSE OF PRODUCT ACCORDING TO FEDERAL AND STATE REGULATIONS.

Precautions to be
Taken in Handling
and Storage STORE AWAY FROM INCOMPATIBLE MATERIAL CITED IN SECTION 4.

Other Precautions and/or
Special Hazards MAY CAUSE DUST UPON CUTTING OR GRINDING

