



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

-MOLDED PARTS

CHEMICAL FAMILY

UNSATURATED POLYESTER / STYRENE

FILE NAME: MSDS1

REVISION: C REVISION DATE: 01/29/2009

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	Conditions To Avoid	N/A
<input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		

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	Conditions To Avoid	N/A
<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur		

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	CARCINOGEN LISTED IN	<input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph	<input type="checkbox"/> OSHA <input checked="" type="checkbox"/> Not Listed
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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 NONE

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	<input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Other (specify)	<input type="checkbox"/> Mechanical (general) VENTILATION TYPE IS DETERMINED BY EXPOSURE	<input type="checkbox"/> Special
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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

