



# MATERIAL SAFETY DATA SHEET

## 1. Product and Supplier Identification

**Product Name:** ORCA-MAT  
**Product:** ORCA-MAT (T-3) 4053T3  
**Chemical Name:** E-Glass  
**Product Use:** FRP Manufacturing Processes.  
**Supplier:** Fiberlay Inc,  
 24 S Idaho,  
 Seattle, WA 98134  
 Telephone: (206) 782-0660  
 Facsimile: (206) 782-0662

### COMPOSITION AND INGREDIENT INFORMATION

<u>COMPOSITION</u>	<u>SIMPLE OR COMPLEX</u>	<u>COMPLEX</u>
<b>BASE FABRIC</b>		POLYESTER NON WOVEN FABRIC 64%
<b>RESIN</b>		ETHYLENE-VINYLE ACETATE COPOLYMER 10.8%, VINYLIDEN CHLORIDE- ACRYLONITRILE COPOLYMER 25.2%
<b>UN CLASSIFICATION AND NUMBER</b>		NON-HAZARDOUS MATERIAL IN UN DEFINITION

### NAME OF HAZARDOUS AND POISONOUS ARTICLE

<b>NAME OF CLASSIFICATION</b>	NOT APPLICABLE
<b>DANGEROUS PROPERTY</b>	NOT APPLICABLE
<b>POISONOUS PROPERTY</b>	NOT APPLICABLE
<b>INFLUENCE FOR ENVIRONMENT</b>	NONE KNOWN

### EMERGENCY MEASURE

NOT APPLICABLE

### MEASURE FOR FIRE

<b>FIRE EXTINGUISHING METHOD</b>	EXTINGUISH WITH WATER AND/OR FIRE EXTINGUISHER
<b>EXTINGUISH AGENT</b>	FOAM, POWDER, CARBONIC ACID GAS

### MEASURE FOR HANDLING AND KEEPING

<b>HANDLING</b>	USE AT NORMAL TEMPERATURE AND NORMAL HUMIDITY
<b>KEEPING</b>	IN WAREHOUSE ROOM AT NORMAL TEMPERATURE AND NORMAL HUMIDITY, KEEP DRY, AVOID HIGH TEMPERATURE, HIGH HUMIDITY, FIRE AND DIRECT SUNSHINE

**ORCA-MAT**

**PREVENTING EQUIPMENT OF EXPOSURE**

NONE

**PHYSICAL AND CHEMICAL CHARACTER**

<b>APPEARANCE</b>	WHITE COLORED EXPANDED MAT SHEET
<b>BOILING POINT</b>	N/A
<b>MELTING POINT</b>	N/A
<b>SPECIFIC GRAVITY</b>	0.04
<b>SOLUBILITY WITH WATER</b>	INSOLUBLE ALTHOUGH NOT KEEPING ITS SHAPE

**INFORMATION FOR DANGEROUS  
(STABILITY AND REACTABILITY)**

<b>FLASHING POINT</b>	N/A
<b>INFLAMMABILITY</b>	FLAMMABLE FIBER, CAUTION FOR FIRE
<b>IGNITABILITY (AUTO IGNITION, REACTABILITY WITH WATER)</b>	NONE AT NORMAL TEMPERATURE
<b>OXIDAZABILITY</b>	N/A
<b>SELF-REACTABILITY, EXPLOSIONABILITY</b>	N/A
<b>POWDER EXPLOSION</b>	N/A
<b>STABILITY AND REACTABILITY</b>	STABLE AT NORMAL TEMPERATURE

**INFORMATION FOR POISONOUS  
(INCLUDING CASE OF DISEASE AND INFORMATION OF IMMUNITY FOR HUMAN)**

<b>SKIN CORROSION</b>	N/A
<b>STIMULATIVE PROPERTY (FOR SKIN AND EYE)</b>	N/A
<b>ACUTE POISONOUS</b>	N/A
<b>CANCER-CAUSING</b>	N/A
<b>OTHERS</b>	N/A

**INFORMATION OF INFLUENCE FOR ENVIRONMENT**

<b>RESOLUTIONABILITY</b>	NON KNOWN
<b>ACCUMULATIONABILITY</b>	NON KNOWN
<b>POISONOUS FOR FISHES</b>	NON KNOWN

**CAUTION FOR ABANDONMENT**

ABANDONMENT IN ACCORDANCE WITH THE REGULATIONS OF ITS APPLIED CAUTION FOR TRANSPORTATION.

**CAUTION FOR TRANSPORTATION**

FOR THE TRANSPORTATION, LOAD CERTAINLY TO PREVENT FALL DOWN, DROP AND DAMAGE.  
UNDER THE TRANSPORTATION, AVOID HIGH TEMPERATURE, HIGH HUMIDITY AND GETTING WET.

**APPLICABLE LAW**

N/A

ORCA-MAT