



Material 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.

U.S. Department of Labor

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

IDENTITY (As Used on Label and List) ORCA Slip - 252201	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name Fiberlay, Inc.	24 hour Emergency Telephone Contact Number CHEMTREC Domestic North America: 800-424-9300 International: 703-527-3887 (collect calls accepted)
Address (Number, Street, City, State, and ZIP Code) 24 S. Idaho Street	Telephone number for information 206-782-0660
Seattle, WA 98134	Date Prepared April 16, 2010
USA	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s) Solvents	OSHA PEL	ACGIH TLV	Other Limits Recommended
Petroleum Distillate CAS# 64742-95-6		400 ppm	60-90%
Light Petroleum Distillate CAS# 110-54-3	500ppm	500 ppm	10-40%
Proprietary Resin Blend		Not Established	1-10%
H 2, F 3, R-1			

Section III - Physical/Chemical Characteristics

Boiling Point IBP – FBP	69°C	Specific Gravity (H ₂ O = 1)	0.659
Vapor Pressure (mm Hg.)	132mmHg@ 20°C	Melting Point	-95°C
Vapor Density (AIR = 1)	3	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water :Negligible			
Appearance and odor: Aromatic Hydrocarbon odor- Clear liquid			

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Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): -23°C	Flammable Limits	LEL 1.2%	UEL 7.7%
Extinguishing Media: Foam, Dry chemical, CO2, Water may be ineffective. However water spray can be used to keep fire exposed containers cool.			
Special Fire Fighting Procedures: Use air – supplied rescue equipment NIOSH- approved with full face piece operated in the pressure demand.			
Unusual Fire and Explosion Hazards: Product flammable , material can ignite at ambient temperature. Do not store or mix with strong oxidants. Vapors can flow along surface to distant ignition source and flash back.			

Section V - Reactivity Data

Stable	X	Heat can contribute to instability	
Unstable			
Incompatibility (<i>Materials to avoid</i>): Strong oxidants.			
Hazardous Decomposition or Byproducts: Carbon monoxide in the case of incomplete combustion, acrid smoke and irritating fumes.			
Hazardous Polymerization	May Occur		Conditions to Avoid: Heat, flame, ignition sources and incompatibles.
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry: Skin and inhalation

Eyes: Flush with water for at least 15 minutes. Consult physician.	Inhalation: move to fresh air. If not breathing give artificial respiration or oxygen. Call physician	Skin: Wash with soap and plenty of water. If irritation persists consult physician.	Ingestion: Consult Physician immediately. Do not induce vomiting.
Health Hazards (<i>Acute and Chronic</i>)			
Carcinogenicity:	NTP? Not listed	IARC Monographs? Not listed	OSHA Regulated? Not listed
Signs and Symptoms of Exposure: Eye and skin irritant. Avoid breathing of vapor may result in dizziness and headaches to unconsciousness.			
Medical Conditions Generally Aggravated by Exposure: Pre-existing skin, eye, or respiratory disorders may be more susceptible.			
Emergency and First Aid Procedures: See above.			

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Section VII - Precautions for Safe Handling and Use

<p>Steps to Be Taken in Case Material is Released or Spilled: Remove all ignition sources. Keep people away, recover free liquid. Add absorbent to spill area. Ventilate enclosed areas, keep product out of public sewers, streams and waterways.</p>
<p>Waste Disposal Method: Dispose of waste by supervised incineration or in a chemical disposal area in compliance with local regulations.</p>
<p>Precautions to Be taken in Handling and Storing: Store in a cool dry, well ventilated area away from any heat sources. Keep containers closed. Keep away from heat, sparks or open flame. Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing, wash before reuse. Empty containers retain residue and can be dangerous. Do not pressurize, cut, weld, braze, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition, they may explode and cause injury or death. Empty drums should be completely drained, and properly disposed of. Do not store above 120°F.</p>
<p>Transportation Information: D.O.T. Shipping Name – Resin Solution D.O.T. Hazard Class – 3, PGII U.N. Number – UN1866 D.O.T. Label – Flammable Liquid</p>

Section VIII – Control Measures

<p>Respiratory Protection (<i>Specify Type</i>): Air supplied respiratory protection in confined or enclosed areas. Use in well ventilated area to maintain below TLV levels.</p>		
Ventilation	Local Exhaust: Use in well ventilated area to maintain below TLV levels	Special: If needed to maintain below TLV levels.
	Mechanical (<i>General:</i>) Explosion proof ventilation equipment.	Other: None
Protective Gloves: Use chemical resistant gloves.	Eye Protection: Eye wash station. Chemical Splash Goggles or Face Shield	
<p>Other Protective Clothing or Equipment: To avoid skin contact. Use only with adequate ventilation. Safety shower in proximity to work area.</p>		
<p>Work/Hygienic Practices: Use good industrial hygienic practices.</p>		

This information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.