

SAFETY DATA SHEET

TO COMPLY WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR.1910.1200 & THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier
 Product Form: Liquid
 Substance Name: ORCA SEAL MOLD SEALER
 Product Code(s): 252203, 2522031

1.2 Details of the Supplier of the Safety Data Sheet

Distributor:

Fiberlay Inc.
 1468 Northgate Blvd
 Sarasota, FL 34234
 T 206-782-0660
 F 888-782-0662

www.Fiberlay.com
www.OrcaComposites.com

1.3 Emergency Telephone Number

Emergency Number: CHEMTREC: Domestic - 800-424-9300

2. HAZARDS IDENTIFICATION

Hazardous Components:
Identity:



OSHA PEL	ACGIH TLV	Other Limits Recommended

Common Name(s)

Signal Word: Danger

Hazard Statements: Highly flammable liquid and vapor.
 May be fatal if swallowed.
 May cause respiratory irritation.
 May cause drowsiness and dizziness.

Precautionary Statements: Do not handle until all safety precautions have been read and understood.
 Wear protective gloves, eye or face protection.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
 No smoking.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Keep container tightly closed.
 Use only in well-ventilated area.
 Do not breathe vapor.
 Wash skin thoroughly after handling.
 Avoid release to environment.
 Store in well ventilated place.
 Keep cool.

Dispose of contents and container in accordance with local regulations.

Routes of Exposure: Eye contact, Skin contact, Ingestion, Inhalation.

HMIS Rating: Health – 2, Flammability – 3, Reactivity -0

Health Hazards: May cause irritation to eyes, skin and upper respiratory system.
(Acute & Chronic)

Signs and Symptoms of Exposure: Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapor mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical conditions Generally Aggravated by Exposure: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS #	% by Weight
Aliphatic Hydrocarbon Solvent	64742-89-8	> 50
N - Hexane	110-54-3	< 50

Orca withholds the specific chemical identity and/or exact percentages of the composition of our products due to this information being a part of our Intellectual Property.

4. FIRST AID MEASURES

Eyes: Wash with plenty of water for at least 15 minutes. If irritation persists, seek medical help.
Skin: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
Inhalation: Remove affected person to fresh air. Seek medical help.
Ingestion: DO NOT induce vomiting. Seek medical help.

5. FIRE FIGHTING MEASURES

Flash Point: (Method used): -23°C

Flammable Limits:

LEL: 1.2%
UEL: 7.3%

Extinguishing Media: Use spray water, dry chemical or Carbon dioxide.

Special Fire Fighting Procedures: Use water to keep fire-exposed containers surfaces cool. Wear self-contained breathing apparatus. NIOSH approved and full protective gear..

Unusual Fire and Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Spill / Leak Procedures: Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

7. HANDLING AND STORAGE

Handling: Contents are flammable. Keep away from heat, sparks and open flame.
During use and until all vapors are gone:
Keep area ventilated
Do not smoke
Extinguish all flames, pilot lights and heaters
Turn off stoves, electric appliances and any other sources of ignition.

Storage: Store in a cool, dry, well-ventilated area away from any heat sources.

Keep container closed when not in use.
Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection (*Specify Type*): Not Normally needed. Air Respiratory protection recommended in confined or enclosed spaces where vapor concentrations are excessive.

Ventilation:

Local Exhaust: Recommended

Mechanical (General): Acceptable

Protective Gloves: Use chemical resistant gloves.

Eye Protection: Chemical splash goggles or face shield.

Other Protective Clothing or Equipment: Not generally required.

Work / Hygienic Practices: Avoid contact with skin and eyes.
Avoid breathing vapor and spray mist.
Wash hands after using.
Use only with adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical appearance: Liquid
Color: Clear, transparent
Odor: Wax odor
Boiling point: 69°C
Melting point: N/A
Specific Gravity H₂O = 1): 0.73
Vapor Pressure (mm HG) @ 20°C 141.6
Vapor Density (Air = 1) 3
Solubility in Water: Insoluble
Evaporation Rate (n-butyl acetate =1) N/A

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Hazardous Polymerization: Will not occur

Incompatibility (Materials to avoid): Strong oxidizers, strong acids and bases.

Conditions to Avoid: None

Hazardous Composition Products: Combustion products include carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity / Other Information: None of the components are listed by:

NTP
IARC
ACGIH
OSHA

12. ECOLOGICAL INFORMATION

Toxicity: Not applicable

Biodegradability: Not applicable

Bio-accumulative potential: Not applicable
Other Adverse Effects: Not applicable

13. DISPOSAL CONSIDERATIONS

Dispose waste under supervised incineration or in a chemical disposal area in compliance with local regulations.

14. TRANSPORT INFORMATION

Land (DOT):

Proper Shipping Name: Resin Solution, *flammable* Hazard
Class & Division: 3
ID Number: UN1866
Packing Group: II
Label (s): Flammable Liquid
Transport Document Name: UN1866, Resin Solution, flammable, PG II, Class 3

Land (TDG):

Proper Shipping Name: Resin Solution, *flammable* Hazard
Class & Division: 3
ID Number: UN1866
Packing Group: II
Label (s): Flammable Liquid
Transport Document Name: UN1866, Resin Solution, flammable, PG II, Class 3

Sea (IMDG):

Proper Shipping Name: Resin Solution, *flammable* Hazard
Class & Division: 3
ID Number: UN1866
Packing Group: II
Label (s): Flammable Liquid
Transport Document Name: UN1866, Resin Solution, flammable, PG II, Class 3

Air (IATA):

Proper Shipping Name: Resin Solution, *flammable* Hazard
Class & Division: 3
ID Number: UN1866
Packing Group: II
Label (s): Flammable Liquid
Transport Document Name: UN1866, Resin Solution, flammable, PG II, Class 3

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard:

When used for its intended purposes, this material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

EPCRA: This material contains no extremely hazardous substances.

SARA (311/312) Reportable Hazard Categories: Fire. Delayed Health

SARA (313) Toxic Release Inventory:

N – Hexane, CAS# 110-54-3
Aliphatic Hydrocarbon Solvent, CAS# 64742-89-8

The Following Ingredients are Cited on the Lists Below:

N – Hexane, CAS# 110-54-3: ACGIH ALL, OSHA Z, IL RTK, MN RTK, NJ RTK, PA RTK, RI RTK

California Prop65 Warning:

This product can expose you to chemicals including n-hexane which is known to the State of California to cause birth defects or reproductive harm. For more information go to www.P65Warnings.ca.gov

16. OTHER INFORMATION

ORCA Composites believes the law requires us to inform you that detectable amounts of any of the listed chemicals might be present in ORCA products. Based on a review of the list, ORCA products, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to our products as ingredients, some of the listed chemicals may be present in the raw materials as received from suppliers over which we have no control.

Preparation Date: 1-3-2019

Prepared by: Kevin Aber

Comments: This Safety Data Sheet was prepared using information provided by Orca Composites

Information in this SDS is from available published sources and is believed to be accurate. No warranty, express or implied, is made and ORCA Composites assumes no liability resulting from the use of this SDS. The user must determine suitability of this information for his application.

Orca



omposites