

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: Mold Release  
Substance Name: ORCA SHIMMER WAX  
CAS No.: Multiple  
Product Code(s): 252115

### 1.3 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](http://www.Fiberlay.com)  
[www.OrcaComposites.com](http://www.OrcaComposites.com)

### 1.4 Emergency Telephone Number

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

## 2. HAZARDS IDENTIFICATION

### Potential Health Effects

Classification of the chemical in accordance with paragraph (d) of §1910.1200,

GHS  
Hazard  
Symbols



**GHS Classification** Flammable Solid Category 2  
Skin Corrosion / Irritation Category 2  
Serious Eye Damage / Eye Irritation Category 2A  
Specific Target Organ Systemic Toxicity (STOT) – Single Exposure Category 3

**Signal Word** Warning

**Hazard Statements** Flammable solid  
Causes Skin irritation  
Causes serious eye irritation  
May cause drowsiness or dizziness

### Precautionary Statements

**Prevention** Keep away from heat / sparks / open flames / hot surfaces – No smoking  
Ground / bond container and receiving equipment  
P241 – Use explosion-proof electrical, ventilating, and lighting equipment.  
Avoid breathing dust / fume / gas / mist / vapors / spray.

**Response**

P264 – Wash thoroughly after handling.  
 Use only outdoors or in a well-ventilated area.  
 Wear protective gloves / protective clothing / eye protection / face protection,  
 P302+P352 – If on skin: Wash with plenty of soap and water.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 – Call a poison center, doctor or medical center if you feel unwell.  
 P321 – Specific treatment (see on this SDS).  
 If skin irritation occurs: Get medical advice / attention.  
 If eye irritation persists: Get medical advice / attention.  
 P370+P378 – In case of fire: Use proper media to extinguish.

**Storage**

Store in a well-ventilated place. Keep container tightly closed.  
 Store locked up.

**Disposal**

Dispose of contents / container in accordance with local / regional / national / international regulation for hazardous wastes.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

COMPONENT	CAS NO.	% WT.
Aliphatic hydrocarbon	64742-88-7	20-40
Distillates (petroleum), hydro-treated light	64742-47-8	20-40

HMIS ® III\* HAZARDOUS WARNINGS

Health:	1
Flammability:	2
Physical:	0

Personal Protective Equipment: See Section 8

\*See [www.paint.org/hmis](http://www.paint.org/hmis) or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

**4. FIRST AID MEASURES**

**Eyes:** Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

**Skin Contact:** In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse.

**Ingestion:** Contact a physician, medical facility, or poison control center immediately.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

**NOTES TO PHYSICIAN:**

No additional first aid information available. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

**5. FIRE FIGHTING MEASURES**

**Fire and / or Explosion Hazards:** This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

**Fire Fighting Instructions:** Use CO2, foam or dry chemical. Do not direct a solid stream of water or foam into hot burning pools, this may cause frothing and increase fire intensity.

**6. ACCIDENTAL RELEASE MEASURES**

**Steps to be taken if material is released or spilled:**

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Clean up with absorbent material. Place absorbent materials into container and close it tightly. Dispose of container properly.

**7. HANDLING AND STORAGE**

**Handling:** Do not use near ignition sources. Avoid prolonged or repeated contact with skin.

**Storage:** Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area, away from all sources of ignition. Empty container may contain residues which are hazardous. Normal precautions common to safe manufacturing practice should be followed in handling and storage. Keep from extreme temperatures.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects).

**Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

**Skin Protection:** The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

**Respiratory Protection:** Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits.

COMPONENT	CAS NO.	ACGIH TLV	OSHA PEL	OTHER
Aliphatic hydrocarbon	64742-88-7	100 ppm	Not established	Not established
Distillates (petroleum), hydro-treated light	64742-47-8	100 ppm	Not established	Not established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Paste
Appearance:	Light Yellow
Odor:	Petroleum solvent
Odor Threshold:	Slight
pH:	Not applicable
Melting / Freezing Point (°F):	No data available
Boiling Point (°F):	No data available
Flash Point (°F PMCC):	105.8°F
Evaporation Rate:	Not determined
Flammability (solid, gas):	No data available
Percent VOCs (%)	60-80

Lower Flammability Limit (%)	0.7
Upper Flammability Limit (%)	6
Vapor Pressure (PSIG@70°F):	Not determined
Vapor Density [air = 1]:	>1
Relative Density (H2O = 1):	0.89
Solubility in Water:	Negligible; 0-1%
Partial Coefficient: n-octanol / water	No data available
Auto-ignition Temperature (°F)	446
Decomposition Temperature (°F)	No data available
Viscosity, dynamic (cSt):	No data available

**10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable

**Conditions to Avoid:** Avoid contact with: Strong oxidizing agents. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Excessive heat.

**Decomposition Products:** Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Carbon Monoxide. When heated to temperatures above 150°C in the presence of air, one of the ingredients in this product can form formaldehyde vapors. Formaldehyde vapor is harmful by inhalation;

irritating to eyes; sensitizer to the respiratory system; an acute toxicant and a potential cancer hazard at concentrations greater than 0.75 ppm.

**11. TOXICOLOGICAL INFORMATION**

**Reproductive & Developmental:** No data available

**Toxicity:**

INGREDIENT	CAS NO.	TOXICOLOGICAL DATA
Aliphatic hydrocarbon	64742-88-7	Dermal LD50 Rabbit > 2000 mg / kg Oral LD50 Rat > 5000 mg / kg
Distillates (petroleum), hydro-treated light	64742-47-8	Dermal LD50 Rabbit > 2000 mg / kg Oral LD50 Rat > 5000 mg / gk

**12. ECOLOGICAL INFORMATION**

**Ecological Toxicity:** No data available

**Mobility:** No data available

INGREDIENT	CAS NO.	TOXICOLOGICAL DATA
Aliphatic hydrocarbon	64742-88-7	96 HR LL50 Rainbow Trout 2 mg / L 48 HR EL50 Daphnia 1.4 mg / L 72 HR EL50 Algae 1 mg / L
Distillates (petroleum), hydro-treated light	64742-47-8	96 HR LL50 Rainbow Trout 2 mg / L 48 HR EL50 Daphnia 1.4 mg / L 72 HR EL50 Algae 1 mg / L

**13. DISPOSAL CONSIDERATIONS**

**Disposal:** Dispose according to Federal, State and local regulations.

**14. TRANSPORT INFORMATION**

AGENCY	UN NO.	PROPER SHIPPING NAME	HAZARD CLASS	PACKING GROUP
DOT		Combustible		
IATA	UN1993	Flammable Liquids, n.o.s. (Mineral Spirits)	3	III
IMDG	UN1993	Flammable Liquids, n.o.s. (Mineral Spirits)	3	III

**15. REGULATORY INFORMATION**

**Warning:** This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below.

COMPONENT	CAS NO.	% BY WT	REGULATORY BODY
No components listed in this section			SARA Section 313

**Warning:** This product may contain chemicals known to the State of California to cause cancer. See list below:

COMPONENT	CAS NO.	% BY WT	REGULATORY BODY
Ethyl benzene	100-41-4	0.001-0.01	Prop 65 Cancer
Naphthalene	91-20-3	0.0001-0.001	Prop 65 Cancer

**Prop65 WARNING:** This product can expose you to chemicals including ethylbenzene and Naphthalene which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://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

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