

# 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 GC1 SEMI-PERMANENT  
 Product Code(s): 252205, 2522051

**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](http://www.Fiberlay.com)  
[www.OrcaComposites.com](http://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:** Wear protective gloves, eye or face protection.  
 Keep away from heat, open flames and other ignition sources.  
 Use only non-sparking tools.  
 Keep container tightly closed.  
 Do not breathe vapor.  
 Wash skin thoroughly after handling.  
 Avoid release to environment.  
 Store in well ventilated place.  
 Dispose of contents and container in accordance with local regulations.

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

**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	< 20

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 Carbon dioxide, dry chemical and foam.

**Special Fire Fighting Procedures:** Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

**Unusual Fire and Explosion Hazards:** Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions.

### 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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical appearance:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Aromatic hydrocarbon odor
<b>Boiling point:</b>	69°C
<b>Melting point:</b>	N/A
<b>Specific Gravity H<sub>2</sub>O = 1):</b>	0.73
<b>Vapor Pressure (mm HG) @ 20°C</b>	141.6
<b>Vapor Density (Air = 1)</b>	3
<b>Solubility in Water:</b>	Negligible
<b>Evaporation Rate (n-butyl acetate =1)</b>	N/A

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Hazardous Polymerization:** Will not occur

**Incompatibility (Materials to avoid):** None known

**Conditions to Avoid:** None known

**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**

<b>Toxicity:</b>	Not applicable
<b>Biodegradability:</b>	Not applicable
<b>Bio-accumulative potential:</b>	Not applicable
<b>Other Adverse Effects:</b>	Not applicable

**13. DISPOSAL CONSIDERATIONS**

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State and 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](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

*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.*

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