

# SAFETY DATA SHEET

## Diamond Compound



Revision Date: 05/21/2015

Version: 2.0

This SDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Diamond Compound

**Other identifiers:**

**Recommended use:** For polishing gemstones used in the lapidary field.

**Manufacturer**

Reentel International Inc.  
808 Burr Oak Dr.  
Westmont, IL 60559  
USA  
Telephone: (630) 321-0192  
Website: [www.reentel.com](http://www.reentel.com)

**Emergency telephone numbers**

(630) 321-0192  
Monday-Friday, 8:00 am - 5:00 PM EST

**Medical Emergencies:**

(800) 222-1222 (Poison Control in USA)  
911

### SECTION 2 - HAZARDS IDENTIFICATION

**Physical Hazard:** None known.

**Color:** Assorted colors.

**Physical State:** Oily diamond suspension.

**Odor:** Slight odor.

**Health Hazards**

**Eye** Slightly, may cause eye irritation with direct contact.  
**Skin** Slightly, may cause skin irritation with direct contact.  
**Ingestion** May cause irritation and nausea.  
**Inhalation** Unlikely to occur unless material is burned (or misted). Dizziness possible.

### SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

**Ingredients**

COMPONENT	OTHER NAMES	CAS	%
Hydrocarbon Grease	same	64742-53-6	5mg/m3
Hydrocarbon Grease	same	64742-52-5	5mg/m3
Hydrocarbon Oil	same	8042-47-5	5mg/m3
Industrial Diamond	same	7782-40-3	10mg/m3

## SECTION 4 - FIRST-AID MEASURES

<b>Eye Contact</b>	Flush with water.
<b>Skin Contact</b>	Wash with mild soap and water.
<b>Inhalation</b>	Remove to fresh air. Seek medical attention as needed.
<b>Ingestion</b>	Seek medical attention if needed.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	This material poses no explosion hazard.
<b>Hazardous Combustion Products</b>	None known.
<b>General Hazards</b>	None specific to this material.
<b>Extinguishing Media</b>	Dry chemical, carbon dioxide.
<b>Fire Fighting Procedures</b>	N/A

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Spill Control Procedures</b>	Absorb with regular (non-hazardous) absorbants.
<b>Environmental</b>	Observe all applicable local, state, and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

<b>Handling</b>	Handle with reasonable care. Use gloves and safety glasses when handling.
<b>Storage</b>	Store in cool, dry place. Keep away from heat and oxidizers.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Personal Protection</b>	
<b>Respiratory</b>	N/A
<b>Eye</b>	Safety glasses.
<b>Skin</b>	Gloves.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	
<b>Physical State</b>	Oily diamond suspension
<b>Color</b>	Assorted colors
<b>Odor</b>	Slight odor
<b>Safety Data</b>	
<b>pH</b>	Not available
<b>Melting point</b>	N/A
<b>Initial boiling point</b>	N/A
<b>Flash point</b>	400° F
<b>Auto ignition temperature</b>	Not available
<b>Lower explosive limit</b>	Not available
<b>Upper explosive limit</b>	Not available
<b>Solubility in water</b>	Negligible

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## SECTION 10 - STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable.
<b>Conditions to Avoid</b>	Heat, flames and oxidizers.
<b>Incompatible Materials</b>	Strong oxidizers.
<b>Hazardous Decomposition Products</b>	Hydrocarbon residues.
<b>Hazardous Polymerization</b>	Will not occur.

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Toxicity</b>	N/A
<b>Persistence and biodegradation</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Other adverse effects</b>	No data available

## SECTION 13 - DISPOSAL CONSIDERATIONS

Observe all local, state, and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

<b>DOT (US)</b>	N/A
<b>IMDG</b>	N/A
<b>IATA</b>	N/A

## SECTION 15 - REGULATORY INFORMATION

<b>OSHA Hazards</b>	N/A
<b>SARA 302 Components</b>	N/A
<b>SARA 313 Components</b>	N/A
<b>SARA 311/312 Hazards</b>	N/A States
<b>Right to Know Components</b>	N/A US.
<b>California Proposition 65</b>	N/A

## SECTION 16 - OTHER INFORMATION

### Manufacturer Disclaimer:

The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Judgement of potential hazards of this product is based on information available about individual components listed in Section 3 - Ingredients. Direct testing of this mixture has not been done. The information given herein is believed to be accurate and is given in good faith, is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. However, no warranty is either expressed or implied. This company shall not be held liable for any damage resulting from handling or from contact with the above. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.