

# SAFETY DATA SHEET

## Inland Diamond Compound



SDS No: 450611-16  
Revision Date: 07/30/2014  
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:** Inland Diamond Compound

**Other identifiers:** Diamond Paste, Diamond Polishing Paste, Diamond Suspension  
Diamond Compound - 1,200 Grit, Diamond Compound - 3,000 Grit,  
Diamond Compound - 8,000 Grit, Diamond Compound - 14,000 Grit,  
Diamond Compound - 50,000 Grit, Diamond Compound - 100,000 Grit  
Inland Product Numbers: 450611, 450612, 450613, 450614, 450615, 450616

**Recommended use:** Polishing a wide variety of materials including glass, minerals, metals, lapidary, and jewelry items.

**Manufacturer**  
Inland Craft Products, Co.  
32052 Edward Dr.  
Madison Heights, MI 48071  
USA  
Telephone: (248) 583-7150  
Website: www.inlandcraft.com

**Emergency telephone numbers**  
(248) 583-7150  
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:** Various shades of pinkish tan.

**Physical State:** Oily diamond suspension.

**Odor:** Odorless.

**Health Hazards**

**Eye** May cause eye irritation with direct contact.

**Skin** May cause skin irritation with direct contact.

**Ingestion** May cause irritation and nausea.

**Inhalation** Unlikely to occur unless material is burned; dizziness possible.

### SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

#### Hazardous Ingredients

COMPONENT	OTHER NAMES	CAS	%
Industrial Diamond		7782-40-3	20%

Diamond paste is a mixture of synthetic diamond particles and water/oil soluble proprietary organic lubricants.

## 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 as needed.

## SECTION 5 - FIRE FIGHTING MEASURES

<b>Flammable Properties</b>	N/A
<b>Extinguishing Media</b>	Dry chemical, carbon dioxide.
<b>Other Hazards</b>	N/A
<b>Fire Fighting Procedures</b>	N/A

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

<b>Steps for Clean-up</b>	Absorb with regular, non-hazardous, absorbents.
<b>Environmental</b>	Observe all applicable local, state, and federal regulations.

## SECTION 7 - HANDLING AND STORAGE

<b>Handling</b>	Utilize neoprene gloves, safety glasses, and protective clothing when handling.
<b>Storage</b>	Keep away from heat and oxidizers.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Airborne Exposure Limits</b>	N/A
<b>Personal Protection</b>	
<b>Respiratory</b>	Dust mask.
<b>Eye</b>	Safety glasses.
<b>Skin</b>	Neoprene gloves.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Diamond Compound (77802-40-3)

#### Appearance

Physical State	Oily diamond suspension
Color	Shades of pinkish tan
Odor	Odorless

#### Safety Data

pH	N/A
Melting point / freezing Point	N/A
Initial boiling point / boiling range	N/A
Flash point	400° F (204.4° C)
Auto ignition temperature	N/A
Evaporation rate (Butyl Acetate=1)	N/A
Lower explosive limit	N/A
Upper explosive limit	N/A
Vapor pressure	N/A
Density (Air=1)	N/A
Solubility in water	Negligible
Relative vapor density	N/A
Odor threshold	N/A
Evaporation rate	N/A

#### Other Information

Molecular weight	10 mg/m <sup>3</sup> (PNOC)
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## SECTION 10 - STABILITY AND REACTIVITY

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

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Ingestion	May cause irritation and nausea.
Inhalation	Unlikely to occur unless material is burned; dizziness possible.
Skin contact	May cause irritation.
Eye contact	May cause irritation.

### Information on toxicological effects:

Acute toxicity	N/A
Skin corrosion/irritation	N/A
Serious eye damage/irritation	N/A
Respiratory sensitization	N/A
Germ cell mutagenicity	N/A
Carcinogenic effects	N/A
Reproductive toxicity	N/A
Mutagenic effects	N/A
Aspiration hazard	N/A
Synergistic effects	N/A

## SECTION 12 - ECOLOGICAL INFORMATION

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

## SECTION 13 - DISPOSAL CONSIDERATIONS

Observe all local, state, and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

DOT (US)	N/A
IMDG	N/A
IATA	N/A

## SECTION 15 - REGULATORY INFORMATION

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