

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

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

SECTION 5 - FIRE FIGHTING MEASURES

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

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

SECTION 7 - HANDLING AND STORAGE

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

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits	N/A
Personal Protection	
Respiratory	Dust mask.
Eye	Safety glasses.
Skin	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 ³ (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.

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