

MATERIAL SAFETY DATA SHEET

DATE: 10/11/13

**1. IDENTIFICATION OF PRODUCT AND COMPANY**PRODUCT NAME: THERMAL DIAMOND COMPOUND – Item # 2170404, 2170409, 2170414, 2170419, 2170424  
2170405, 2170410, 2170415, 2170420, 2170425FORMULATION: 10582-12  
CHEMICAL FAMILY: Vegetable oil ester  
PRODUCT DESCRIPTION: Solid Paste**2. HAZARDS IDENTIFICATION**GHS Classification: Not applicable for GHS classification  
GHS Label Elements:  
Pictogram or Symbol: None  
Signal Word: None  
Hazard Risk Statement: Not hazardous**HEALTH HAZARD:**Skin: No irritation is expected  
Eyes: Diamond abrasive particles and chemical vehicle may cause eye irritation.  
Inhalation: Not applicable  
Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

PHYSICAL/CHEMICAL HAZARD: Not applicable

FIRE AND EXPLOSION HAZARD: Not applicable

ENVIRONMENTAL HAZARD: Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS. NO.</u>	<u>% (WT.)</u>	<u>TLV</u>
Diamond	7782-40-3	0 - 30%	N/A

IF PRESENT, IARC, NTP, AND OSHA CARCINOGENS AND CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313 ARE IDENTIFIED IN THIS SECTION.

IARC, NTP, OSHA CARCINOGENS: N/A

SARA TITLE III SECTION 313 TOXIC RELEASE INVENTORY (TRI) CHEMICALS: N/A

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#### 4. FIRST AID MEASURES

IMMEDIATE MEDICAL ATTENTION IS NOT REQUIRED AFTER NORMAL EXPOSURE TO DIAMOND COMPOUND.

SKIN CONTACT: Wash thoroughly with soap and water.

EYES: Flush thoroughly with water until irritation subsides, lifting upper and lower lids to facilitate cleansing. If irritation persists, seek medical assistance.

INHALATION: Not applicable

INGESTION: If large amounts of this material are swallowed, do not induce vomiting. Keep person at rest and seek immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

Use water spray to cool surfaces exposed to fire to disperse vapors and to protect personnel . Extinguish the fire with foam, dry chemical or carbon dioxide.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, various oxides of carbon.

#### 6. ACCIDENTAL RELEASE MEASURES

Release to the environment is unlikely. Do not dispose of waste materials in drains. Clean up excess or waste material and dispose as non-hazardous solid waste.

#### 7. HANDLING & STORAGE

STORAGE TEMPERATURE: Ambient. Avoid storing at temperatures exceeding 120°F. Avoid storage in sunlight.

TRANSPORT TEMPERATURE: Ambient

STORAGE PRESSURE: Atmospheric

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable

MATERIALS/COATINGS COMPATIBILITY: Glass, carbon steel, stainless steel, polyethylene, polypropylene, polyester

MATERIALS/COATINGS UNSUITABLE: Strong oxidizing agents (acids), strong alkalies. Testing for compatibility with specific plastic materials is recommended.

GENERAL NOTES: Store in closed container away from incompatible materials.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

For open systems (liquid or spray) where contact is likely, wear safety glasses with side shields, long sleeves and plastic protective gloves. Provide sufficient local exhaust and general ventilation to maintain exposure below OEL, especially for operations producing mists or vapor. Where concentrations in air may exceed the OEL and the engineering practices are not adequate to accomplish exposure reduction, approved respirators may be necessary to prevent overexposure by inhalation

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE:	Thick paste	EXPLOSIVE LIMITS:	Not Determined
COLOR:	Various	VAPOR PRESSURE:	Not Determined
ODOR:	Mild	VAPOR DENSITY:	Heavier than air
ODOR THRESHOLD:	Not Determined	SPECIFIC GRAVITY:	Not Determined
pH:	Not Determined	SOLUBILITY IN WATER:	Not Soluble
MELT/FREEZE POINT:	>60°C	PARTITION COEFFICIENT:	Not Determined
BOILING RANGE:	Not Determined	AUTO IGNITION TEMP:	Not Applicable
FLASHPOINT:	> 100°C	DECOMPOSITION TEMP:	Not Determined
EVAPORATION RATE:	Not Determined	VISCOSITY:	Not Determined
PERCENT VOLATILE:	Not Determined		

**10. STABILITY AND REACTIVITY**

Stable at normal temperatures and pressure. May melt and separate if stored at temperatures exceeding melting point. Hazardous polymerization will not occur. Not reactive at normal temperatures and pressures.

**11. TOXICOLOGICAL INFORMATION**

TARGET ORGAN EFFECTS:	No data available
DEVELOPMENT INFORMATION:	No data available
CANCER INFORMATION:	No data available
OTHER HEALTH EFFECTS:	No data available

**12. ECOLOGICAL INFORMATION**

Not Available

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**13. DISPOSAL CONSIDERATIONS**

Care should be taken to ensure compliance with EC, National and Local Regulations. This product is not suitable for disposal by landfill, municipal sewers, drains, natural streams or rivers. Waste product must be disposed of via an authorized waste disposal company in accordance with Local and National Waste Disposal Regulations.

**14. TRANSPORT INFORMATION**

LAND TRANSPORT:	ADR/RID:	Not hazardous
	GGVS/GGVE:	Not hazardous
MARITIME TRANSPORT:	IMDG :	Not hazardous
	GGVSea:	Not hazardous
AIR TRANSPORT:	ICAO:	Not hazardous
	IATA:	Not hazardous

**15. REGULATORY INFORMATION**

IARC, NTP, OSHA CARCINOGENS: N/A

SARA TITLE III SECTION 313 TOXIC RELEASE INVENTORY (TRI) CHEMICALS: N/A

**16. OTHER INFORMATION**

HMIS CODES:	Health: 1	Flammability: 0	Physical Hazards: 0
NFPA CODES:	Health: 1	Flammability: 0	Reactivity: 0

Changes from previous revision include: Original

Date of previous revision: N/A