



Engis Corporation
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MATERIAL SAFETY DATA SHEET

MSDS No.: 571
 DATE: 01/27/12

1. IDENTIFICATION OF PRODUCT AND COMPANY

PRODUCT NAME: DiaMold[®] Diamond Compound
 FORMULATION: 6885 Series
 CHEMICAL FAMILY: Petroleum Distillate/White Mineral Oil
 PRODUCT DESCRIPTION: Soft Paste
 SUPPLIER: Engis Corporation Phone: (847) 808-9400
 105 W. Hintz Road Fax: (847) 808-9430
 Wheeling, IL 60090 USA Emergency: 1-800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification: Flammable Liquid: Category 4
 GHS Label Elements:
 Pictogram or Symbol: Symbol - None
 Signal Word: Signal Word - Warning
 Hazard Risk Statement: Hazard Risk Statement - Combustible Liquid

HEALTH HAZARD:
 Skin: No irritation is expected.
 Eyes: Diamond abrasive particles and chemical vehicle may cause eye mild 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

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

<u>INGREDIENT</u>	<u>CAS. NO.</u>	<u>% (WT.)</u>	<u>TLV</u>
Petroleum Naphtha	64742-48-9	30% - 60%	300ppm
Mineral Oil	8042-47-5	10% - 30%	5ppm (as mist)
Amorphous Fumed Silica	112945-52-5	0 - 10%	15ppm

IARC, NTP, OSHA CARCINOGENS: N/A
 SARA TITLE III SECTION 313 TOXIC RELEASE INVENTORY (TRI) CHEMICALS: N/A

4. FIRST AID MEASURES

IMMEDIATE MEDICAL ATTENTION IS NOT REQUIRED AFTER NORMAL EXPOSURE TO HYPREZ 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: Remove individual to fresh air.

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limit (OEL): For Petroleum Hydrocarbon component:

U.S.A. OEL = 300ppm

For Amorphous Silica component:

U.S.A. TLV = 15ppm

SKIN/HAND PROTECTION: Plastic Gloves

EYE PROTECTION: Goggles

RESPIRATORY PROTECTION: Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Soft Paste	AUTOIGNITION TEMP:	Not available
ODOR:	Mild, Characteristic	EVAPORATION RATE:	Not applicable
MELTING POINT:	148°C	SOLUBILITY IN WATER:	Insoluble
BOILING RANGE:	>204°C	VAPOR DENSITY:	Not applicable
PERCENT VOLATILE:	Nil	FLASHPOINT:	>61°C
SPECIFIC GRAVITY:	Greater than 1.0 gm/cc		

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

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

CARRIAGE:	None
CLASSIFICATION:	None
SYMBOL:	None
RISK PHRASE:	None
SAFETY PHRASE:	None

IARC, NTP, OSHA CARCINOGENS: N/A

SARA TITLE III SECTION 313 TOXIC RELEASE INVENTORY (TRI) CHEMICALS: None

16. OTHER INFORMATION

NFPA CODES: Flammability: 1 Health: 1 REACTIVITY: 0