



A Milacron Company

Dear Customer:

Enclosed in the **REVISED** Material Safety Data Sheet for our product:

D-M-E Diamond Compound

The products we distribute are not normally hazardous in their natural state. However, steel does contain elements deemed by OSHA to be hazardous when released by manufacturing, such as brazing, burning, grinding, sawing or welding, etc. Failure to control dust and fumes can result in chronic health problems.

We believe the information, supplied by the Manufacturer, on the enclosed MSDS to be accurate; however, D-M-E makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability for the information so presented.

Should you require additional information, please call or write the Manufacturer listed on the MSDS.

Sincerely yours,

DME Company
Director of Operations
Ken Jasina

Revised: May 2011

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



IDENTITY (As Used on Label and List)
DPE DIAMOND COMPOUNDS

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name F J RADEMACHER CO., INC	Emergency Telephone Number 586 751 0639
Address (Number, Street, City, State, and ZIP Code) 30148 BARBARY COURT WARREN MI 48093	Telephone Number for Information same
	Date Prepared 5/01/11
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
CHEMICAL NAME	CHEMICAL FORMULA	CAS #	% by weight	CHEMICAL FAMILY
PETROLEUM JELLY		80009138	A	Petroleum hydrocart
PARAFFIN WAX		64742434	A	" "
EXTRA HEAVY MINERAL OIL		8042475	A	Petroleum liquid
Diamond in powder form		None	A	Carbon

A - the percentages of these elements constitutes a formula which is proprietary.

These products are not considered hazardous materials per 29 CFR 1910.1200

Section III — Physical/Chemical Characteristics

Boiling Point	550 ° F.	Specific Gravity (H ₂ O = 1)	0.86 at 60° F.
Vapor Pressure (mm Hg.)	N/A	Melting Point	90 ° F.
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	NIL		
Appearance and Odor	Color varies with micron density / odorless		

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 400° F. C.O.C.	Flammable Limits N/A	LEL	UEL
Extinguishing Media Dry chemical, foam, CO ₂			
Special Fire Fighting Procedures Treat as oil fire. Use water only to cool surrounding container or flammable or combustible material			
Unusual Fire and Explosion Hazards Dense smoke may generate when burning. Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.			

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Open flame or open electrical coils
	Stable	X	

Incompatibility (Materials to Avoid)

Strong oxidizing agents

Hazardous Decomposition or Byproducts

None

Hazardous Polymerization

May Occur

Will Not Occur

X

Conditions to Avoid

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? No Skin? No Ingestion? No

Health Hazards (Acute and Chronic)

No evidence of adverse effects from available information.

Carcinogenicity: No NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure

None identified.

Medical Conditions

Generally Aggravated by Exposure

None identified.

Emergency and First Aid Procedures

Skin — wash with soap and water.

Eyes — flush with large amounts of water

Inhalation — remove to fresh air Ingestion — do not induce vomiting.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill. Absorb with dry sand or oil absorbent. Clean area with safety solvent.

Waste Disposal Method

All disposals must comply with state, local and federal regulation.

Precautions to Be Taken in Handling and Storing

None

Other Precautions

None

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Under normal use, respiratory protection is not required.

Ventilation	Local Exhaust	Special
	Mechanical (General) General room ventilation	Other

Protective Gloves

None normally needed

Eye Protection

Safety goggles

Other Protective Clothing or Equipment

None

Work/Hygiene Practices

Wash hands after use.

The information and recommendations contained herein are based on data believed to be correct. Since the product may be applied under conditions beyond our control, we do not assume responsibility for a use for which it was not intended.