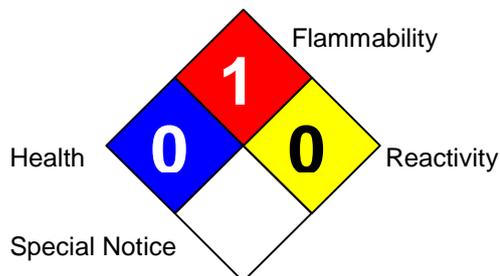


Material Safety Data Sheet

HMIS

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

NFPA

Section I – Product and Company Identification

Product Name/ Trade Name 677 Graphite Grease									
Manufacturer Cummings-Moore Graphite Co. 1646 N. Green Ave. Detroit, MI 48209	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Emergency Phone</td> <td>1-800-255-3924</td> </tr> <tr> <td>Information Phone</td> <td>1-908-537-2155</td> </tr> <tr> <td>Date Prepared</td> <td>6/1/11</td> </tr> <tr> <td>Preparer (optional)</td> <td>LRM</td> </tr> </table>	Emergency Phone	1-800-255-3924	Information Phone	1-908-537-2155	Date Prepared	6/1/11	Preparer (optional)	LRM
Emergency Phone	1-800-255-3924								
Information Phone	1-908-537-2155								
Date Prepared	6/1/11								
Preparer (optional)	LRM								

Section II – Hazard Ingredients/Identity Information

Hazardous Components	CAS Number	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Distillates (petroleum), Hydrotreated Heavy Naphthenic	64742-52-5	5 mg/m ³	5 mg/m ³	n/a	
Calcium Stearate	1592-23-0	---	10 mg/m ³	n/a	
Graphite	7782-42-5	15 mppcf	2.0 mg/m ³	n/a	

Section III – Physical / Chemical Characteristics

Boiling Point	700°F (371°C)	Specific Gravity (H₂O = 1)	0.90 at 16°C
Vapor Pressure (mm Hg)	n/a	Melting Point	210°F (99°C)
Vapor Density (Air = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water	Not Soluble	Appearance and Odor	Grey-black, bland petroleum odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	330°F (165°C) (D-92)	Flammable Limits: LEL =	n/a	UEL=	n/a
Extinguishing Media	Water-fog, CO ₂ , Dry chemicals, Foam, Earth and Sand				
Special Fire Fighting Procedures	Water may cause frothing				
Unusual Fire and Explosion Hazards	None				

Section V – Reactivity Data

Stability	Stable
Conditions to Avoid	Open flame
Incompatibility (Materials to Avoid)	Strong oxidizers
Hazardous Decomposition or Byproducts	CO & CO ₂ if combustion is incomplete
Hazardous Polymerization	Will not occur

Section VI – Health Hazard Data

Route(s) of Entry: Inhalation?	Yes	Skin?	Yes	Ingestion?	Yes
Carcinogenicity: NTP?	No	IARC Monographs?	No	OSHA Regulated?	No
Health Hazards (Acute and Chronic)	Skin Contact: May cause mild transient irritation. Eye Contact: May cause mild transient irritation. Ingestion: May be harmful if swallowed. Inhalation: Not expected to be a route of exposure due to low volatility of product. At elevated temperatures, irritating vapors or mists may be produced.				
Signs and Symptoms of Exposure	Irritation as above.				
Medical Conditions Generally Aggravated by Exposure	Existing skin and eye disorders.				
Emergency and First Aid Procedures	Skin Contact: Remove contaminated clothing. Wash with soap and water. Launder contaminated clothing before reuse. Eye Contact: Flush with plenty of water for at least 15 minutes. Ingestion: Seek medical attention immediately. Inhalation: Immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available.				

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled	Absorb with sand or inert material. Sweep or scoop up and remove
Waste Disposal Method	All disposals must comply with Federal, State and Local Regulations
Precautions to Be Taken in Handling and Storing	Avoid open flame, store away from strong oxidizers.
Other Precautions	None known

Section VIII – Control Measures

Respiratory Protection (Specify Type)	If vapor concentration exceeds TLV, use a respirator approved by NIOSH in a positive pressure mode.		
Ventilation:	Use local exhaust to maintain exposure limits below thresholds.		
Protective Gloves	Oil impervious gloves, if needed to avoid prolonged or repeated skin contact.	Eye Protection	Safety glasses with side shields. Goggles or face shield when splashing is likely.
Other Protective Clothing or Equipment	Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing or repeated skin contact.		
Work/Hygienic Practices	Avoid contact with skin and eyes. Wash thoroughly after handling.		