



Material Safety Data Sheet

Manufacturer's Name Dylon Industries, Inc.	Emergency Telephone No. Call INFOTRAC at 1-800-535-5053
Address 7700 Clinton Rd. Cleveland, OH 44144	Other Information Calls 216-651-1300
MSDS Approved By Larry R. Kracker	Date Prepared March 28, 2006

SECTION 1 - IDENTITY

COMMON NAME (used on label) Grade GC	HAZARD RATING
PRODUCT CLASS Graphite cement	WHMIS Class B-3

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	WEIGHT PERCENT	Threshold Limit Value (units)
Phenolic resin	Unknown	10-20	Not established
Furfuryl alcohol	98-00-0	22-30	10 ppm (OSHA)
Graphite/carbon blend	7782-42-5 & 1333-86-4	50-65	Nuisance dust; 15 mppcf/8 Hr.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point 170 C	Specific Gravity (H ₂ O=1) 1.44	Vapor Pressure(mm Hg) Unknown			
Percent Volatile by Volume (%) 35%	Vapor Density (Air=1) >1	Evaporation Rate (Ether=1) <1			
Solubility In Water Slightly miscible	pH NA				
Appearance and Odor Black, viscous paste with alcohol odor.					
Flash Point 86 C	Flammable Limits in Air(% by Volume) Unknown	Lower ---	Upper ---	Extinguisher Media CO ₂ , dry chemical, foam	Auto-Ignition Temperature Unknown
Special Fire Fighting Procedures Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter, especially if sprayed into containers of hot, burning product. Self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode.					
Unusual Fire and Explosion Hazards Vapors are heavier than air and may travel along ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near container (even empty) because product (even residue) can ignite explosively. Burning and elevated temperatures can generate phenol, carbon monoxide and carbon dioxide.					

SECTION 4 - PHYSICAL HAZARDS

Grade GC

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to Avoid NA
Incompatibility (Materials to Avoid) Avoid contact with strong mineral acids or strong organic acids, strong oxidants.		
Hazardous Decomposition Products Carbon monoxide, carbon dioxide, various hydrocarbons, phenol vapors.		
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid Avoid contact with strong mineral acids or strong organic acids.

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value See section 2. See attachment for Health Hazard and First Aid data.						
Signs and Symptoms of Exposure		1. Acute Overexposure				
2. Chronic Overexposure						
Medical Conditions Generally Aggravated by Exposure						
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit		ACGIH Threshold Limit Value			Other Exposure Limit Used	
Emergency and First Aid Procedure						
1. Inhalation						
2. Eyes						
3. Skin						
4. Ingestion						

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Approved air-supplied respirator if TLV is exceeded.				
Ventilation Normal plant ventilation	Local Exhaust Recommended	Mechanical (General) Recommended	Special ---	Other ---
Protective Gloves Rubber, neoprene or plastic gloves.			Eye Protection Safety glasses or goggles	
Other Protective Clothing or Equipment Normal work apparel. Rubber or plastic apron, if needed.				

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Store away from open flames. Avoid contact with eyes, skin and clothing. This product must be stored away from foodstuffs.	
Other Precautions Use with adequate ventilation. Wash thoroughly after handling. Containers of this material may be hazardous when emptied.	
Steps to be Taken in Case Material is Released or Spilled Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from area of spill. Take up on sand, clay or other absorbent material and shovel into containers.	
Waste Disposal Methods Incinerate or landfill in accordance with local, state and federal EPA regulations.	

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.