

**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) 34-700, 34-700WD

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 GRAFIL, INC.	Emergency Telephone Number (916) 386-1733
Address (Number, Street, City, State, and ZIP Code) 5900 88TH STREET	Telephone Number for Information (916) 386-1733
SACRAMENTO, CA 95828	Date Prepared JUNE 25 1991
	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)
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NONE

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KEN GABBARD

**Section III - Physical/Chemical Characteristics**

Boiling Point:	N/A	Specific Gravity (H <sub>2</sub> O = 1)	1.75-1.85
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	INSOLUBLE		

Appearance and Odor  
 BLACK - ODORLESS

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) NONE	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media  
 CO<sub>2</sub>, DRY CHEMICAL FOAM, WATER

Special Fire Fighting Procedures  
 WEAR BREATHING APPARATUS WHEN FIGHTING FIRES IN CONFINED AREAS

Usual Fire and Explosion Hazards  
 NONE, BUT INCINERATION MAY GENERATE AIRBORNE FIBERS WHICH MAY CAUSE ELECTRICAL MALFUNCTION.

produce acutely

## Section V -- Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable X	

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENT - e.g. FLUORINE  
Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur X	

## Section VI -- Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? NO	Ingestion? NO
Health Hazards (Acute and Chronic)			

Carcinogenicity:	NTP? NOT CARCINOGENIC	IARC Monographs?	CSHA Regulated?
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Signs and Symptoms of Exposure  
PROLONGED INHALATION OF LARGE AMOUNTS OF DUST MAY CAUSE PULMONARY FIBROSIS OR EMPHYSEMA

Medical Conditions Generally Aggravated by Exposure  
MINOR AND TRANSIENT SKIN IRRITATION

Emergency and First Aid Procedures

GRAPHITE SPLINTERS IN THE SKIN IS THE ONLY PROBLEM THAT MAY OCCUR. THESE MAY BE REMOVED WITH TWEEZERS OR A STERILE NEEDLE.

## Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled  
MAY BE PICKED UP AND RE-USED OR DISPOSED

Waste Disposal Method

BURIAL AS LANDFILL - DO NOT INCINERATE

Precautions to Be Taken in Handling and Storing

NONE

Other Precautions

NONE

## Section VIII -- Control Measures

Respiratory Protection (Specify Type)

DUST MASK IF FIBER DEBRIS IS SEVERE

Ventilation	Local Exhaust RECOMMENDED	Special NONE
	Mechanical (General) NONE	Other NONE
Protective Gloves RECOMMENDED FOR SENSITIVE SKIN	Eye Protection NOT NECESSARY	

Other Protective Clothing or Equipment

NOT NECESSARY

Work/Hygienic Practices

GENERAL PRINCIPLES APPLY - KEEP WORK AREA CLEAN