

MSE #351

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. State and local laws should be consulted for any other special 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)

Pastel&Charcoal Fixative

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 M. Grumbacher, Inc.	Emergency Telephone Number (609) 655-8282
Address (Number, Street, City, State, and ZIP Code) 30 Engelhard Drive	Telephone Number for Information (609) 655-8282
Cranbury, N.J. 08512	Date Prepared July 23, 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)
Xylene 1330-20-7		100ppm		87.5
2-Ethoxyethylacetate 111-15-9		100ppm		8.75

HMIS (Xylene)

Health	2
Flammability	3
Reactivity	0

Section III — Physical/Chemical Characteristics Data Below applies to xylene

Boiling Point F. 282	Specific Gravity (H ₂ O = 1) 0.9
Vapor Pressure (mm Hg.) N.A.	Melting Point N.A.
Vapor Density (AIR = 1) 3.7	Evaporation Rate (Butyl Acetate = 1) Faster

Solubility in Water Immiscible

Appearance and Odor Clear liquid, sweet odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 81-90 F.	Flammable Limits	LEL 1.0%	UEL 7.0%
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Extinguishing Media Foam, CO₂, dry chemical

Special Fire Fighting Procedures
Water spray may be used to reduce the rate of burning & cooling containers

Unusual Fire and Explosion Hazards
None

Section V — Reactivity Data

Reactivity	Instability		Conditions to Avoid
	Stability	x	Heat, open flame

Incompatibility (Materials to Avoid) Hot surfaces

Instability Decomposition or Byproducts CO, CO2

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	x	N.A

Section VI — Health Hazard Data (Xylene)

Route of Entry: Inhalation? Yes Irritation? Yes Ingestion? Unk.
 Human Hazards (Acute and Chronic): Toxic: vapors in high concentration are anesthetic.

Carcinogenicity: NTP? Unk. IARC Monographs? Unk. OSHA Regulator? Unk.

Signs and Symptoms of Exposure Headache, dizziness, nausea, loss of consciousness

Medical Conditions Generally Aggravated by Exposure Unk.

Emergency and First Aid Procedures
 Flush skin & eyes with plenty of water. Get medical attention. If inhaled - remove to fresh air - if swallowed call physician immediately.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
 Wear self contained breathing apparatus. Use absorbent, paper towels or rags to sop up.

Waste Disposal Method
 Landfill according to appropriate regulations

Precautions to Be Taken in Handling and Storing
 Keep cool

Other Precautions No open flames, no smoking

Section VIII — Control Measures

Respiratory Protection (Specify Type)
 Air supplied mask for concentrations above 100ppm.

Ventilation	Local Exhaust	Ventilation of 60 cfm	Special	None
	Mechanical (General)	None	Other	None

Protective Gloves Impervious gloves Eye Protection Chemical splash goggles

Other Protective Clothing or Equipment Apron

Manufacturer's Precautions