

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)
DYKEM STEEL BLUE DX-100

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 DYKEM COMPANY	Emergency Telephone Number (314)423-0100
Address (Number, Street, City, State, and ZIP Code) 8501 Delport Drive	Telephone Number for Information (314)423-0100
St. Louis, Missouri 63114	Date Prepared MAR 31 1988
	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)
Methyl Violet (CAS # 8004-87-3)	*N/A	*N/A	None	1-3
N-Butyl Acetate (CAS # 123-86-4)	150 PPM	150 PPM	None	30-40
Denatured Ethyl Alcohol (CAS # 64-17-5)	1000 PPM	1000 PPM	None	50-60
N-Butyl Alcohol (CAS # 71-36-3)	100 PPM	50 PPM	None	3-6
Cellulose, Nitrate (CAS # 9004-70-0)	*N/A	*N/A	None	70%
Isopropyl Alcohol (Rubbing Alcohol) (CAS # 67-63-0)	400 PPM	400 PPM	None	30%

} 3% - 6% of container

Section III — Physical/Chemical Characteristics

Boiling Point	160°F	Specific Gravity (H₂O = 1)	.86
Vapor Pressure (mm Hg.)	36	Melting Point	Liquid
Vapor Density (AIR = 1)	> 1	Evaporation Rate (Butyl Acetate = 1)	~ 1
Solubility in Water	Appreciable		
Appearance and Odor	Intense blue color, sweet solvent odor.		

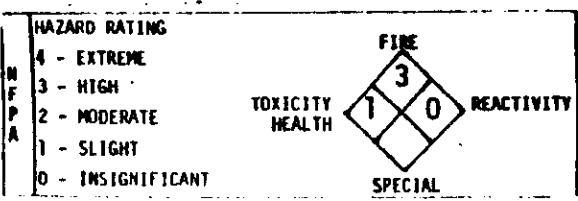
Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	57°F TCC	Flammable Limits	LEL 1.4	UEL 11.2
Extinguishing Media	Carbon Dioxide, Regular Foam, Dry Chemical			
Special Fire Fighting Procedures	Wear self-contained breathing apparatus in enclosed areas.			
	Water may be used to cool fire-exposed containers.			
Unusual Fire and Explosion Hazards	Vapors are heavier than air and may travel along ground, or may be moved by ventilation and ignited by spark, flame and other ignition sources.			

(Reproduce locally) *N/A = Not Applicable

OSHA 171, Sept. 1985

PROPER SHIPPING NAME: (D.O.T.) PAINT
HAZARD CLASS: (D.O.T.) FLAMMABLE LIQUID
I. D. NUMBER: UN-1263



Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Avoid heat, sparks and open flame			
Incompatibility (Materials to Avoid) Strong oxidizing agents			
Hazardous Decomposition or Byproducts Carbon Monoxide or Carbon Dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	
None			

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skin? Possible Ingestion? Yes

Health Hazards (Acute and Chronic) Respiratory irritation. High concentrations of vapors may produce headache, dizziness, and nausea. Eye contact causes burning and irritation. Prolonged or repeated skin contact may lead to drying, irritation, and dermatitis.

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

Signs and Symptoms of Exposure Dizziness, nausea, irritation of skin, respiratory irritation

Medical Conditions Generally Aggravated by Exposure Eye contact causes burning and irritation. Repeated or prolonged skin contact may lead to drying, irritation and dermatitis.

Emergency and First Aid Procedures Flush eye contact or prolonged skin contact with large amount of water. If exposed to excessive vapors, remove to fresh air. If swallowed, contact Local Poison Control Center or Physician immediately.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Wear personal protective equipment. (See Section VIII). Remove heat and ignition sources. Ventilate the area; clean up with inert absorbant.

Waste Disposal Method Waste may be burned in an approved incinerator, or dispose of according to Local, State and Federal regulations.

Precautions to Be Taken in Handling and Storing Store cool and dry away from heat, sparks, or open flame.

Other Precautions Use with adequate ventilation. NOTE: This product does not contain any chemicals considered carcinogenic by IARC, NTP, or OSHA. Avoid prolonged skin contact.

Section VIII — Control Measures

Respiratory Protection (Specify Type) If TLV is exceeded, or for symptoms of over exposure, wear NIOSH approved organic vapor respirator.

Ventilation	Local Exhaust	Necessary under some handling or use conditions	Special	None
	Mechanical (General)	Acceptable under normal conditions	Other	None

Protective Gloves None needed under normal usage conditions

Eye Protection None under normal use conditions. If splash potential exists wear chemical splash goggles or face shield.

Other Protective Clothing or Equipment Wear neoprene or chemical resistant gloves and apron as needed to prevent repeated or prolonged skin contact.

Work/Hygenic Practices Use with adequate ventilation.

Prepared by: DYKEM COMPANY
R. J. Belleville
(314)423-0100