

PNT257

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**U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration**

Form Approved
OSHA No. 44-R-1387

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DYK

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME DYKEM COMPANY		EMERGENCY TELEPHONE NO. (314)423-0100	
ADDRESS 8501 Delport Drive, St. Louis, Missouri 63114			
CHEMICAL NAME AND SYNONYMS Does not apply		TRADE NAME AND SYNONYMS DYKEM LAYOUT FLUIDS	
CHEMICAL FAMILY Specialty Lacquers		FORMULA Does not apply	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES & SOLVENTS	CAS REGISTRY NO.	%	TLV (Units)
Pigments (average)	N/A	5	---
or Dyes	N/A	1	---
Vehicle Wet Nitrocellulose	9004-67-63.0	2	---
Solvents Denatured Alcohol	64-17-5	up to 57	1000
Solvents Butyl Alcohol	71-36-3	up to 20	100
Solvents Butyl Acetate	123-86-4	up to 42	150

"DYKEM" is the Registered Trade-mark of a line of Proprietary Products used by Industry since 1920. Never any harm to any of our employees who handle daily large volumes of raw materials and finished products. Containers are labeled with Caution Notices regarding flammability and use with adequate ventilation.

SECTION III - PHYSICAL DATA

BOILING POINT (°F.) 167°F (Average)	SPECIFIC GRAVITY (H₂O=1) .86 to .89
VAPOR PRESSURE (mm Hg.) 25.1mm@20°C (Average)	PERCENT VOLATILE BY VOLUME (%) 80 to 90
VAPOR DENSITY (AIR=1) Heavier than air	EVAPORATION RATE Faster than Butyl Acetate
SOLUBILITY IN WATER Partially	
APPEARANCE AND ODOR Intense color, mild odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 63°F Cleveland Open Cup	FLAMMABLE LIMITS	Lat	Ucl
EXTINGUISHING MEDIA Carbon Dioxide, Regular Foam, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus in enclosed areas. Water may be used as a cooling medium.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Vapors are heavier than air and may travel along ground and ignited by sparks, flame, or other ignition sources.			

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PROPER SHIPPING NAME: DOT: PAINT, FLAMMABLE LIQUID in Quart containers or larger; CONSUMER COMMODITY, ORM-D for Spray cans and smaller than 1 quart containers.

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

830 (Estimated)

EFFECTS OF OVEREXPOSURE

Irritation of nose and throat. Redness and irritation of eyes. Excessive breathing of vapors can cause nausea and respiratory irritation.

EMERGENCY AND FIRST AID PROCEDURES

Flush eye, contact with water. If swallowed, drink 2 glasses of water, induce vomiting, call a Physician.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

None

INCOMPATIBILITY (Materials to avoid)

Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide or carbon dioxide

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

None

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb in waste material that can be burned. Remove stain (color) with DYKEM REMOVER & THINNER 138.

WASTE DISPOSAL METHOD

No waste normally, incinerate or normal disposal for flammables, in accordance with local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None needed

VENTILATION

LOCAL EXHAUST

Preferred (ordinary)

SPECIAL

None

MECHANICAL (General)

Acceptable

OTHER

None

PROTECTIVE GLOVES

None needed

EYE PROTECTION

None needed under normal conditions

OTHER PROTECTIVE EQUIPMENT

None needed

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat and flames. Use with adequate ventilation.

OTHER PRECAUTIONS

None

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Information furnished by: DYKEM COMPANY
R. Belleville
(314)423-0100
DATE: APR 30 1986

HAZARD RATING	1	3
4 - EXTREME	2	0
3 - HIGH	1	0
2 - MODERATE	0	0
1 - SLIGHT	0	0

Reactivity