

Occupational Safety and Health Administration

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 GENERAL BINDING CORPORATION		EMERGENCY TELEPHONE NO. (312) 543-7100
ADDRESS (Number, Street, City, State, and ZIP Code) 712 N. Winthrop Avenue, Addison, IL 60101		
CHEMICAL NAME AND SYNONYMS Polyester-Polyethylene Laminate		TRADE NAME AND SYNONYMS NAPLAM Film
CHEMICAL FAMILY Polyethylene Terephthalate-Polyolefin	FORMULA Polyethylene Terephthalate- CH₂-(CH₂)₂-CH₂	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Unit)	ALLOYS AND METALLIC COATINGS	%	TLV (Unit)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Unit)

29240-29287

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	n.s.	SPECIFIC GRAVITY (H ₂ O=1)	1.0-1.3
VAPOR PRESSURE (mm Hg.)	n.s.	PERCENT VOLATILE BY VOLUME (%)	Unknown
VAPOR DENSITY (AIR=1)	n.s.	EVAPORATION RATE (_____ °F)	n.s.
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	n.s.	FLAMMABLE LIMITS	Let	Upt
			n.s.	n.s.
EXTINGUISHING MEDIA Water spray, dry chemicals, foam or CO ₂				
SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear self-contained breathing apparatus in the positive pressure mode with a full facepiece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products. The application of high velocity water will spread the burning surface layer.				
UNUSUAL FIRE AND EXPLOSION HAZARDS				

29240-29287 29285 P8-2

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	n.r.
EFFECTS OF OVEREXPOSURE	
EMERGENCY AND FIRST AID PROCEDURES	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE	May burn or react violently with fluorine X Oxygen mixtures with 50%-100% fluorine
INCOMPATIBILITY (Materials to avoid) Polyesters are hydrolyzed by strong acids and bases and by water at high *		
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition product may include C, CO, CO ₂ , H ₂ O, Acrolein, Aldehyde		
HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	WILL NOT OCCUR	
Generally Stable		Unknown

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Pick up film to prevent a slipping hazard.
WASTE DISPOSAL METHOD Landfill preferred. Disposal method must conform to Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Normal ventilation		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER n.r.
PROTECTIVE GLOVES Gloves for handling hot film	EYE PROTECTION	
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING No special hazards anticipated under conditions normally encountered in storage and handling.
OTHER PRECAUTIONS (*cont'd) temperatures. Acetaldehyde and small amounts of carbon dioxide and carbon monoxide may be formed.