

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

MATERIAL SAFETY DATA SHEET

000116

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

SECTION I

MANUFACTURER'S NAME Ralph Wilson Plastics Co.		EMERGENCY TELEPHONE NO. 817/778-2711
ADDRESS (Number, Street, City, State, and ZIP Code) 600 General Bruce Dr., Temple, Texas 76501-5199		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS LW-100	
CHEMICAL FAMILY	FORMULA Solvent mixture	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	
			%	TLV (Units)
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 (Units)
Ketone (Acetone)			16	750
Aromatic (Toluene)			16	100
Aliphatic (Lactol spirits)			58	500
1,1,1-Trichloroethane			10	350

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	132-134	SPECIFIC GRAVITY (H ₂ O=1)	0.82
VAPOR PRESSURE (mm Hg.)	18.5 mmHg @ 25°C	PERCENT VOLATILE BY VOLUME (%)	100%
VAPOR DENSITY (AIR=1)	Unknown	EVAPORATION RATE (_____ = 1) m-butyl acetate	7.7
SOLUBILITY IN WATER	Partial		
APPEARANCE AND ODOR			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Above 200°F (Open Cup)	FLAMMABLE LIMITS	2-13% vol. in air	LeI	UoI
EXTINGUISHING MEDIA					
SPECIAL FIRE FIGHTING PROCEDURES CO ₂ , foam, sand					
UNUSUAL FIRE AND EXPLOSION HAZARDS All solvents are flammable, explosive.					

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 100 ppm (Toluene)

EFFECTS OF OVEREXPOSURE Vapors can cause irritation to eyes and skin.

Prolonged breathing of vapors can cause headaches, nausea, shortness of breath.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove victim to fresh air--use respirator if necessary.

Internal: Call physician immediately; do not induce vomiting.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spills should be cleaned up immediately. Soak up spills with rags or mops. Then wet mops or rags should be placed in closed containers until they can be dried safely.

WASTE DISPOSAL METHOD Governed by local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
Mechanical types		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General) Preferred	OTHER
PROTECTIVE GLOVES	Rubber gloves	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT		Safety glasses

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact with eyes or skin--avoid breathing of vapors.

OTHER PRECAUTIONS Store and use only in well-ventilated areas. All electrical equipment in area should be explosion proof.