

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)

000417
 417

IDENTITY (As Used on Label and List) 868/869, 950/951
 LOKWELD 400, 500, 800/801, 850/851, 860/861

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 CONTACT ADHESIVES

Manufacturer's Name RALPH WILSON PLASTICS CO.	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) 600 GENERAL BRUCE DRIVE TEMPLE, TEXAS 76501-5199	Telephone Number for Information (817) 778-2711
	Date Prepared 11-14-85
	Signature of Preparer (optional) <i>John C. Cheatham</i>

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
MAGNESIUM OXIDE: CAS#1309-48-4	15mg/m ³	10mg/m ³	-	5
	Total Dust	Total Dust		
NEOPRENE: CAS#9010-98-4	(None Listed)		-	10
PHENOLIC RESINS: NO CAS#	(None listed)			5
KETONES (MEK, ACETONE) CAS#78-98-3/67-64-1	200/1000 ppm	200/750 ppm		30
AROMATIC SOLVENT (TOLUENE): CAS#108-88-3	200 ppm	100 ppm		20
ALIPHATIC SOLVENT (HEXANE): CAS#110-54-3	500 ppm	50 ppm		50

(All values are 8 hour TWA)

Section III -- Physical/Chemical Characteristics

Boiling Point °F	132-143	Specific Gravity (H ₂ O = 1)	0.822
Vapor Pressure (mm Hg.) @ 25°C	185	Melting Point	N/A
Vapor Density (AIR = 1)	Unknown	Evaporation Rate (Butyl Acetate = 1) m-butyl acetate	7.7

Solubility in Water PARTIALLY SOLUBLE.

Appearance and Odor VISCOUS LIQUID, STRONG KETONE ODOR.

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) 15°F, TAG OPEN CUP	Flammable Limits 2-13%	LEL 2%	UEL 13%
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Extinguishing Media CO₂, FOAM, SAND

Special Fire Fighting Procedures ALL SOLVENTS ARE FLAMMABLE

Unusual Fire and Explosion Hazards NEOPRENE GIVES OFF HCl WHEN BURNED.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid SPARKS AND OPEN FLAMES.
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

NONE

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? PRIMARY Skin? SECONDARY Ingestion? POSSIBLE, BUT UNLIKELY

Health Hazards (Acute and Chronic) SOLVENTS LISTED MAY INCLUDE THE FOLLOWING HEALTH HAZARDS:

IRRITATION OF EYES, MUCOUS MEMBRANES, SKIN. AT HIGHER CONCENTRATIONS, NARCOSIS MAY RESULT.

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

Signs and Symptoms of Exposure PROLONGED INHALATION MAY CAUSE HEADACHES, NAUSEA, SHORTNESS OF BREATH, DROWSINESS.

Medical Conditions Generally Aggravated by Exposure UNKNOWN

Emergency and First Aid Procedures INHALATION: REMOVE VICTIM TO FRESH AIR. USE APPROPRIATE RESPIRATOR IF NECESSARY. INTERNAL: CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled APPLY SAWDUST OR SIMILAR MATERIAL TO SPILL AREA TO CONTAIN. SCOOP UP SPILL AND PUT INTO SUITABLE CONTAINER. IF NECESSARY, USE SOLVENT TO REMOVE REMAINDER OF ADHESIVE.

Waste Disposal Method DISPOSE OF AS SOLID WASTE.

Precautions to Be Taken in Handling and Storing AVOID CONTACT WITH EYES OR SKIN. AVOID BREATHING VAPORS.

Other Precautions STORE AND USE ONLY IN WELL-VENTILATED AREAS: ALL ELECTRICAL EQUIPMENT IN AREA SHOULD BE EXPLOSION-PROOF.

Section VIII — Control Measures

Respiratory Protection (Specify Type) ORGANIC VAPORS, FULL-FACE RESPIRATOR - ONLY IF NOT O₂ DEFICIENT

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical (General)	PREFERRED	Other	N/A

Protective Gloves NEOPRENE SUGGESTED Eye Protection TO BE USED WHEN SPRAYING.

Other Protective Clothing or Equipment NONE

Work/Hygienic Practices APPLY GOOD HOUSEKEEPING PROCEDURES.