

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)

000418



IDENTITY (As Used on Label and List)
 Lokweld 121 Adhesive Cleaner

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 Ralph Wilson Plastics Co.	Emergency Telephone Number Chemtrac 1-800-424-9300, 24 hrs/ day.
Address (Number, Street, City, State, and ZIP Code) 600 General Bruce Dr.	Telephone Number for Information 817-778-2711
Temple, Texas 76501	Date Prepared 9-19-86
	Signature of Preparer (Optional) <i>Edwin 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)
Naptha, CAS# 8032-32-4	500 ppm	300 ppm	----	100%
Toluene, CAS# 108-88-3	200 ppm	100 ppm	----	up to 7%
Benzene, CAS# 71-43-2	10 ppm	10 ppm*	----	up to 0.3%

(all values listed are 8 hr. TWA)

*Current ACGIH recommendation is that Benzene is a suspected human carcinogen.
 Note: The data contained in this MSDS and recommendations presented herein are based upon information considered to be accurate, as of this date. However, Ralph Wilson Plastics Co. makes no quarentee or warranty either expressed or implied of the completeness of these data and recommendation and assumes no liability in connection with any use of this information.

Section III -- Physical/Chemical Characteristics

Boiling Point °F	200-235	Specific Gravity (H ₂ O = 1)	0.73
Vapor Pressure (mm Hg.) @ 100° F.	73	Melting Point	N/A
Vapor Density (AIR = 1)	3.6	Evaporation Rate (Butyl Acetate = 1)	estimated 7
Solubility in Water (g/100 g water at 20°c)	Negligible		
Appearance and Odor	Water white liquid, petroleum naptha odor		

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) TAG - Closed cup 30° F	Flammable Limits	LEL 4%	UEL 6%
Extinguishing Media Carbon Dioxide, Dry chemical, foam			

Special Fire Fighting Procedures
 Water stream may spread fire, use water spray only to cool containers exposed to fire.
 If leak or spill has not ignited, use water spray to disperse vapors.

Unusual Fire and Explosion Hazards
 Can form flammable mixtures with air and flash at room temperature. Explosion hazard in fire situation. Vapor heavier than air and may travel considerable distance to source ignition and flashback.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	unknown
	Stable	X		

Incompatibility (Materials to Avoid) Do not store with strong oxidizers.

Hazardous Decomposition or Byproducts Information not available.

Hazardous Polymerization	May Occur		Conditions to Avoid	unknown
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	yes - primary	yes	yes

Health Hazards (Acute and Chronic) possible effects include headache, nasal and respiratory irritation, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression

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

Signs and Symptoms of Exposure See above, for health hazards.

Medical Conditions Generally Aggravated by Exposure unknown

Emergency and First Aid Procedures Move exposed person to fresh air. If breathing has stopped, perform CPR. If in eyes, flush with water at least 15 minutes, removed soaked clothing, wash skin with soap & water. Do not induce vomiting. Seek medical attention.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Notify emergency response personnel. Evacuate area & remove ignition sources. Dike to contain flow. Remove free liquid, do not flush to sewer or open water. Pick up with inert absorbent and place in a closed container for disposal. If flash point of residue is <140° F use

Waste Disposal Method hazardous waste manifest and permitted waste disposal site. Utilize licensed waste disposal. Consider recycling or incineration. DOT shipping name, number-petroleumnaphtha un 1255

Precautions to Be Taken in Handling and Storing Avoid conditions of extreme heat. Do not use near ignition source.

Other Precautions None

Section VIII — Control Measures

Respiratory Protection (Specify Type) Up to 1500 ppm half mask organic vapor respirator, up to 3,000 ppm full face, or supplied

Ventilation	Local Exhaust	Special
	To maintain concentration below 300ppm	None
	Mechanical (General)	Other
	same as above	None

Protective Gloves Nitrile, Neoprene Eye Protection Chemical goggles, faceshield.

Other Protective Clothing or Equipment if >3000 ppm or firefighting, self contained breathing apparatus w/ positive pressure

Work/Hygiene Practices utilize general good housekeeping procedures.