

Lacquer Thinner

154-K120

MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME
THE SHEPPARD-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, Ohio 44115
DATE OF PREPARATION
1-Jan-91

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(216) 566-2902

Section I — PRODUCT IDENTIFICATION

PRODUCT NAME AND NUMBERS
Lacquer Thinner
154-2207 154-2315 PS-225

CAS No.	INGREDIENT	Section II — HAZARDOUS INGREDIENTS % by weight	ACIDITY	OSHA PEL	UNITS	V.P.
64742-89-8	Lt. Aliphatic Hydrocarbon Solvent.	20	100	100	PPM	53.0
64742-89-9	V. M. & P. Naphtha.	15	300	300	PPM	12.0
108-88-3	Toluene.	15	100	100	PPM	22.0
1330-20-7	Xylene.	5	100	100	PPM	5.9
67-56-1	Methanol	5	150	150	PPM	92.0
67-63-0	2-Propanol	5	200	200 (Skin)	PPM	33.0
78-83-1	2-Methyl-1-propanol	5	250	250 (Skin)	PPM	8.7
111-78-2	2-Butoxyethanol	20	750	750	PPM	0.6
67-68-1	Acetone.	20	1000	1000	PPM	180.0
110-43-0	Methyl n-Amyl Ketone.	5	50	50	PPM	2.1
110-19-0	Isobutyl Acetate.	5	150	150	PPM	12.5

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 c

Section III — PHYSICAL DATA

PRODUCT WEIGHT - 6.57 lb./gal.
SPECIFIC GRAVITY - 0.79
BOILING RANGE - 112-340 °F
VOLATILE VOLUME - 100 %
VOC (Theoretical) - 6.57 lb. 187 gm.
EVAPORATION RATE - Slower than Ether
VAPOR DENSITY - Heavier than Air
MELTING POINT - N.A.
SOLUBILITY IN WATER - N.A.
HMTS - 2.3.0

Section IV — FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION
RED LABEL - Extremely Flammable, Flash below 21 °F
FLASH POINT 3 °F TCC LEL 0.9 UEL 6.0
EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS
Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obvious medical attention.
SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section V — HEALTH HAZARD DATA

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.
ACUTE HEALTH HAZARDS
EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Redness and itching or burning sensation may indicate eye or excessive skin exposure.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.
EMERGENCY AND FIRST AID PROCEDURES
If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Give several glasses of water. Seek medical attention.

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section II may cause adverse effects to the liver, urinary, blood forming, cardio-vascular, and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Section VI — REACTIVITY DATA

STABILITY - Stable
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will Not Occur

Section VII — SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate and remove with inert absorbent.
WASTE DISPOSAL METHOD
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste number.
Incinerate in approved facility. Do not incinerate closed containers. Dispose of in accordance with Federal, State, and local regulations regarding pollution.

Section VIII — PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.
VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section II is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section II.
PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section II.
EYE PROTECTION
Wear safety spectacles with unpierced side shields.

Section IX — PRECAUTIONS

DOL STORAGE CATEGORY - 1B
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
CONTENTS ARE EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame.
Vapors will accumulate readily and may ignite explosively.
During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA Code. Use approved bonding and grounding procedures.
Keep container sealed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.