

Lacquer Thinner

154-K120

MATERIAL SAFETY DATA SHEET

91

MANUFACTURER'S NAME
THE SHERWIN-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

154-2007 154-2015

PS-225

CAS No.	INGREDIENT	Section II—HAZARDOUS INGREDIENTS			UNITS	V.P.
		% BY WEIGHT	ACUTE(LT)	CHAPEL		
64742-89-8	1,4-Aliphatic Hydrocarbon Solvent.	20	100	PPM	53.0	
64742-48-9	U. M. & P. Naptha.	15	300	PPM	12.0	
108-88-3	Toluene.	15	STEL	400	PPM	
1330-20-7	Xylene.	5	STEL	100	PPM	22.0
67-56-1	Methanol	<5	STEL	150	PPM	
67-63-0	2-Propanol	5	STEL	100	PPM	5.9
78-83-1	2-Methyl-1-propanol	<5	STEL	100	PPM	
111-76-2	2-Butoxyethanol	<5	STEL	150	PPM	
67-64-1	Acetone.	20	STEL	200	(Skin) PPM	92.0
110-43-0	Methyl n-Amyl Ketone.	5	STEL	250	(Skin) PPM	
110-19-0	Iobutyl Acetate.	5	STEL	400	PPM	33.0
		500	STEL	500	PPM	
		50	PPM	50	PPM	8.7
		25	(Skin) PPM	25	PPM	0.6
		20	PPM	750	PPM	180.0
		5	PPM	1000	PPM	
		100	PPM	100	PPM	2.1
		150	PPM	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.	EVAPORATION RATE	Slower than Ether
SPECIFIC GRAVITY	0.79	VAPOR DENSITY	Heavier than Air
BOILING RANGE	132-340 °F	MELTING POINT	N.A.
VOLATILE VOLUME	100 %	SOLUBILITY IN WATER	N.A.
VOC (Theoretical)	6.57 lb.	HMS	2.30

Section IV—FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION	FLASH POINT	3 °F TCC	LEL	0.9	UEL	6.0
-----------------------------	-------------	----------	-----	-----	-----	-----

UNUSUAL FIRE AND EXPLOSION HAZARDS

Carbon Dioxide, Dry Chemical, Foam

RED LABEL

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. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES Full protective equipment including self-contained breathing apparatus should be 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.

EFFECTS OF OVEREXPOSURE Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

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. Remove contaminated clothing and launder before re-use.

If SWALLOWED: Flush eyes with large amounts of water for 15 minutes. Get medical attention. 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 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 POLIMERIZATION—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: By fire: Carbon Dioxide, Carbon Monoxide

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 numbers.

Incorporate in approved container. 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 material in Section II.

WEAR GLOVES Wear gloves which are recommended by glove supplier for protection against materials in Section II.

EYE PROTECTION Wear safety spectacles with unperforated side shields.

Section IX—PRECAUTIONS

DOD 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 well 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 closed 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. 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. Additives, reducers, or other additives since conditions of use 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.