

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: SL915M
PRODUCT CODE: 915M

HMIS CODES: H F R P
1 1 0 B

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: SILVER LAKE INDUSTRIAL SERVICES
ADDRESS: P.O. BOX 313, SILVER LAKE, IN. 46982
EMERGENCY PHONE: CHEMTREC 800-424-9300 **INFORMATION PHONE:** 260-352-3219
DATE REVISED: 01-05-05 **NAME OF PREPARER:** DOUG DYSON

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE		WEIGHT
		OSHA PEL	ACGIH TLV	OSHA STEL	**Hg @	TEMP	PERCENT
OCTYLPHENOXYPOLYETHYOXYETHANOL	9036-19-5	NONE	NONE	NONE	N/A		
N-METHYL-2-PYRROLIDONE	872-50-4	100 PPM	100 PPM	100 PPM	0.5	77F	
MONOCYCLIC TERPENE HYDROCARBONS	UNKNOWN	NONE	NONE	NONE	N/A		
TRIETHANOLAMINE (ALKANOLAMINE)	102716	NONE	NONE	NONE	N/A		
*XYLENE	1330-20-7	100 PPM	100 PPM	150 PPM	5.1	68F	< 0.5%

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING RANGE: 279 TO 396 Deg F **SPECIFIC GRAVITY (H2O=1):** 0.9
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: BLUE LIQUID WITH SOLVENT ODOR

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: >200F **METHOD USED:** SETA FLASH
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A **UPPER:** N/A

EXTINGUISHING MEDIA: OTHER

SPECIAL FIREFIGHTING PROCEDURES

DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

IF FIRE OCCURS, SOLVENTS MAY PRODUCE EXCESSIVE PRESSURE. SEALED DRUMS MAY RUPTURE AND IGNITE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND IGNITE BY ANY SOURCE OF IGNITION. NEVER USE A CUTTING OR WELDING TORCH NEAR CONTAINERS (EVEN EMPTY). ALL 5 GALLON AND LARGER CONTAINERS SHOULD BE GROUNDED BEFORE TRANSFERRING MATERIAL.

=====**SECTION V - REACTIVITY DATA**=====

STABILITY: STABLE

CONDITIONS TO AVOID

AVOID EXCESSIVE HEAT OR OPEN FLAMES AS WELL AS ALL SOURCES OF IGNITION SUCH AS SPARKS, HEATERS, STATIC DISCHARGES, ETC.

INCOMPATIBILITY (MATERIALS TO AVOID)

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, AND STRONG ACIDS AND BASES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

MAY FORM TOXIC CHEMICALS, CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS ETC.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

=====**SECTION VI - HEALTH HAZARD DATA**=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CAN CAUSE NAUSEA AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA AND HEADACHE.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: MAY CAUSE IRRITATION, DEFATTING AND DERMATTITIS, EYES: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS BUT MEASURES SHOULD BE TAKEN TO AVOID ALL CONTACT WITH THIS MATERIAL.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

HEALTH HAZARDS (ACUTE AND CHRONIC)

REPEATED CONTACT TO SKIN MAY CAUSE DEFATTING OR DRYNESS OF SKIN OR OTHER SIMILAR CONDITIONS. OVER-EXPOSURE TO THIS MATERIAL CAN CAUSE CARDIAC ABNORMALITIES, ANEMIA, LIVER ABNORMALITIES, KIDNEY DAMAGE OR EYE DAMAGE.

CARCINOGENICITY: NTP? NO **IARC MONOGRAPHS?** NO **OSHA REGULATED?** NO
NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN. SKIN: SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY. INHALATION: REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY. INGESTION: DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

=====SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WEAR RESPIRATOR AND PROTECTIVE CLOTHING. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS.

WASTE DISPOSAL METHOD

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. PROPERLY LABEL ALL CONTAINERS. KEEP MATERIAL AWAY FROM ALL SOURCES OF IGNITION.

OTHER PRECAUTIONS

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF. WEAR APPROPRIATE SAFETY EQUIPMENT AND RESPIRATOR AT ALL TIMES WHEN VENTILATION IS NOT SUFFICIENT TO CONTROL VAPORS.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER-EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. ENGINEERING OR ADMINISTRATIVE MEASURES SHOULD BE TAKEN TO REDUCE THE RISK AND EXPOSURE.

VENTILATION

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TOXIC LEVEL VALUES.

PROTECTIVE GLOVES

IMPERVIOUS GLOVES – NEOPRENE OR RUBBER

EYE PROTECTION

SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK/HYGIENIC PRACTICES

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE ACCURATE. HOWEVER, S.L.I.S. MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. S.L.I.S. ASSUMES NO RESPONSIBILITIES FOR INJURY FROM THE USE OF THIS PRODUCT.