### MATERIAL SAFETY DATA SHEET

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	Section 1	- PRODUCT AND	COMPANY I	DENTIFICA	TION
	NAME	LT ON			HMIS CODES Health 2 Flammability 3 Reactivity 0
MANUFACTI THE SH 101 Pr Clevel	JRER'S NAME HERWIN-WILLIAN Cospect Avenue Land, OH 44115	N.W.	ed 1386	EMERGEN (216)	CY TELEPHONE NO. 566-2917
25-MAY		·= <b></b>	·	(216)	TION TELEPHONE NO. 566-2902 ===================================
	Section 2 CAS No.	COMPOSITION/	INFORMATIO	ON ON ING	REDIENTS VAPOR PRESSURE
		OSHA P	LV 100 EL 100	ppm ppm	2 mr
22		2-Butoxyetha ACGIH T OSHA P	nol LV 20 EL 25	ppm mqq	0.88 mm
34	67-64-1	Acetone ACGIH T ACGIH T OSHA P	LV 500 LV 750 EL 1000	ppm ppm STE ppm	
		HAZARDS IDEN	PIFICATION NECESTRAL PROPERTY NE	1	
INHALA EYE or Contai EFFECTS C	TION of vapor SKIN contact ns alcohols a F OVEREXPOSUR EYES: Irrita	E tion.	duct, vapo nich can h	oe absorb	ed through the skin.
May ca inconscio SIGNS AND	use nervous sousness and po SYMPTOMS OF	tion of the uj ystem depress: ssibly death. OVEREXPOSURE	per respi ion. Exti	ratory s reme over	exposure may result in
excessive	exposure to	vapors or spra	av mists.		ion are indications of ate eye or excessive

For complete discussion of toxicology data refer to Section 11.

Custinued on page 2

None generally recognized. CANCER INFORMATION

Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes.

Get medical attention.

SKIN: Wash affected area thoroughly with soap and water.

Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing.

Keep warm and quiet.

INGESTION: Do not induce vomiting.

Get medical attention immediately.

### Section 5 -- FIRE FIGHTING MEASURES

LEL UEL 1.0 12.8 FLASH POINT -2 F TCC

FLAMMABILITY CLASSIFICATION

RED LABEL -- Extremely Flammable, Flash below 21 F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam UNUSUAL FIRE AND EXPLOSION HAZARDS

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.

Water spray may be ineffective. If water is used, fog nozzles are ferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

### Section 6 -- ACCIDENTAL RELEASE MEASURES

\_\_\_\_\_\_ STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Remove all sources of ignition. Ventilate the area.

Remove with inert absorbent.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY

DOL Storage Class IB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

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 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.

# Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 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 2.

When sanding or abrading the dried film, wear a dust/mist respirator roved by NIOSH/MSHA for dust which may be generated from this product, erlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields. OTHER PROTECTIVE EQUIPMENT

Use of barrier cream on exposed skin is recommended. OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

### Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES PRODUCT WEIGHT 7.30 lb/gal 874 g/l SPECIFIC GRAVITY 0.88 BOILING POINT MELTING POINT 132 - 395 F 55 - 201 C Not Available VOLATILE VOLUME 81 % EVAPORATION RATE Slower than ether VAPOR DENSITY Heavier than air SOLUBILITY IN WATER N.A. VOLATILE ORGANIC COMPOUNDS (VOC Theoretical) 4.86 lb/gal 582 g/l Less Water and Federally Exempt Solvents 3.00 lb/gal 359 g/l Emitted VOC Section 10 -- STABILITY AND REACTIVITY STABILITY -- Stable CONDITIONS TO AVOID None known. INCOMPATIBILITY None known. HAZARDOUS DECOMPOSITION PRODUCTS By fire: Carbon Dioxide, Carbon Monoxide HAZARDOUS POLYMERIZATION Will not occur Section 11 -- TOXICOLOGICAL INFORMATION C CONIC HEALTH HAZARDS No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and blood forming systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. TOXICOLOGY DATA CAS No. Ingredient Name 64742-88-7 Mineral Spirits LC50 RAT 4HR Not Available LD50 RAT Not Available 111-76-2 2-Butoxyethanol LC50 RAT 4HR Not Available LD50 RAT 470 mg/kg 470 mg/kg 67-64-1 Acetone LC50 RAT 4HR Not Available LD50 RAT 5800 mg/kg 5800 mg/kg Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION No data available.

## Section 13 -- DISPOSAL CONSIDERATIONS

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 numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

No data available.

Section 15 -- REGULATORY INFORMATION

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SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No. CHEMICAL/COMPOUND % by WT % Eleme

Glycol Ethers

DY WI & Element

22

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, the TSCA Inventory.

Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

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 liability in connection with any use of this information.