	Section I	PRODUCT AN	D COMPA	ANY ID	ENTIE	FICATIO	N	
PRODUCT N	UMBER	DATE	OF PREI	PARATI	ON		HMIS COD Health	ES 3*
15240			13-AUG	-08			Flammabilit Reactivity	у 3 0
PRODUCT N		_1 .						
CROSSF	'IRE® Lacquer	Thinner						
MARTIN 4440 W	RER'S NAME SENOUR PAINT Arrensville C sville Hts.,	enter Road	37					
Regula (21 Medica (21	NUMBERS and tory Informat 6) 566-2902 1 Emergency 6) 566-2917	ion	farr Cha					1.001-
	ortation Emer 0) 424-9300					rgency or acci	ONLY (spill dent)	, leak,
% by WT	Section 2 CAS No.			RMATIO	N ON UNIT			PRESSURI
4	64742-88-7	Mineral Sp ACGIH OSHA	TLV	100 100	ppm ppm			2 mm
7	108-88-3				Т. Т			
	100 00 5	ACGIH OSHA		20 100	ppm ppm	(Skin)		22 mr
2		ACGIH	PEL PEL		ppm	(Skin) (Skin)	STEL	22 mm
2		ACGIH OSHA OSHA Ethylbenze ACGIH ACGIH OSHA	PEL PEL ne TLV TLV PEL	100 150 100 125 100	ppm ppm ppm	(Skin) STEL	STEL	22 mm 7.1 mm
2 12		ACGIH OSHA OSHA Ethylbenze ACGIH ACGIH OSHA OSHA Xylene	PEL PEL ne TLV TLV PEL PEL	100 150 100 125 100 125	ppm ppm ppm ppm ppm	(Skin)	STEL	7.1 mm
	100-41-4	ACGIH OSHA OSHA Ethylbenze ACGIH ACGIH OSHA Xylene ACGIH ACGIH OSHA	PEL PEL TLV TLV PEL PEL TLV TLV PEL	100 150 125 100 125 100 125 100 150 100	ppm ppm ppm ppm ppm ppm ppm ppm	(Skin) STEL STEL STEL	STEL	
	100-41-4	ACGIH OSHA OSHA Ethylbenze ACGIH ACGIH OSHA OSHA Xylene ACGIH ACGIH	PEL PEL TLV TLV PEL PEL TLV PEL PEL TLV	100 150 125 100 125 100 125	ppm ppm ppm ppm ppm ppm ppm ppm ppm	(Skin) STEL STEL		7.1 mm

	15240		page 2
8	78-93-3	Methyl Ethyl Ketone ACGIH TLV 200 ppm ACGIH TLV 300 ppm STEL OSHA PEL 200 ppm	70 mm
		OSHA PEL 300 ppm STEL	
2	108-10-1	Methyl Isobutyl Ketone	
		ACGIH TLV 50 ppm	16 mm
		ACGIH TLV 75 ppm STEL	
		OSHA PEL 50 ppm	
		OSHA PEL 75 ppm STEL	
2	77-76-9	Dimethoxypropane	
		ACGIH TLV Not Available	76 mm
		OSHA PEL Not Available	
37	123-86-4	n-Butyl Acetate	
		ACGIH TLV 150 ppm	10 mm
		ACGIH TLV 200 ppm STEL	
		OSHA PEL 150 ppm	
		OSHA PEL 200 ppm STEL	

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, blood forming, cardiovascular and reproductive systems.

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.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

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.				
INHALATION:	Remove contaminated clothing and launder before re-use. If affected, remove from exposure. Restore breathing.				
	Keep warm and quiet.				
INGESTION:	Do not induce vomiting. Get medical attention immediately.				
	Get medical accention immediately.				

Continued on page 3

Section 5 FIR	RE FIGHTING MEASURES
FLASH POINT 21 F TCC	LEL UEL 1.0 36.5
EXTINGUISHING MEDIA Carbon Dioxide, Dry Che UNUSUAL FIRE AND EXPLOSION Closed containers may e Application to hot surf During emergency condit cause a health hazard. Sy medical attention. SPECIAL FIRE FIGHTING PROC Full protective equipme should be used. Water spray may be inef preferable. Water may be pressure build-up and poss	Flash below 100 F (38 C) emical, Foam HAZARDS explode when exposed to extreme heat. faces requires special precautions. tions overexposure to decomposition products may emptoms may not be immediately apparent. Obtain
Section 6 ACC	IDENTAL RELEASE MEASURES
STEPS TO BE TAKEN IN CASE	MATERIAL IS RELEASED OR SPILLED gnition. Ventilate the area.
Section 7 HAN	IDLING AND STORAGE
During use and until al	HANDLING AND STORAGE Keep away from heat, sparks, and open flame. l vapors are gone: Keep area ventilated - Do n

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.

VENTILATION

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.

Continued on page 4

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. 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 PRECAUTIONS

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

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	7.00 lb/gal 838 g/l
SPECIFIC GRAVITY	0.84
BOILING POINT	132 - 395 F 55 - 201 C
MELTING POINT	Not Available
VOLATILE VOLUME	100 %
EVAPORATION RATE	Slower than ether
VAPOR DENSITY	Heavier than air
SOLUBILITY IN WATER	N.A.
VOLATILE ORGANIC COMPOUNDS	(VOC Theoretical - As Packaged)
7.05 lb/gal 845 g/l	Less Water and Federally Exempt Solvents
6.10 lb/gal 731 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

CHRONIC HEALTH HAZARDS

Methyl Ethyl Ketone may increase the nervous system effects of other solvents.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Continued on page 5

TOXICOLOGY DATA						
CAS No.	Ingredient N	ame				
64742-88-7	Mineral Spirits					
		LC50	RAT	4HR	Not Available	
108-88-3	Toluene	LD50	RAT		Not Available	
100-00-3	Toruelle	LC50	RAT	4HR	4000 ppm	
		LD50	RAT		5000 mg/kg	
100-41-4	Ethylbenzene					
		LC50	RAT	4HR	Not Available	
1330-20-7	Xylene	LD50	RAT		3500 mg/kg	
1000 20 /	myrene	LC50	RAT	4HR	5000 ppm	
		LD50	RAT		4300 mg/kg	
67-56-1	Methanol	TOFO		4110	64000	
		LC50 LD50	RAT RAT	4HR	64000 ppm 5630 mg/kg	
67-64-1	Acetone		1011		2020 119/119	
		LC50	RAT	4HR	Not Available	
78-93-3	Mathel Dthel	LD50	RAT		5800 mg/kg	
/8-93-3	Methyl Ethyl	LC50	RAT	4HR	Not Available	
		LD50	RAT	11110	2740 mg/kg	
108-10-1	Methyl Isobu					
		LC50	RAT	4HR	Not Available	
77-76-9	Dimethoxypro	LD50 pane	RAT		2080 mg/kg	
	Dimeenoxypro	LC50	RAT	4HR	Not Available	
		LD50	RAT		Not Available	
123-86-4	n-Butyl Acet		<b>D J H</b>	4110	2222	
		LC50 LD50	RAT RAT	4HR	2000 ppm 13100 mg/kg	
			IVAT		19100 119/129	

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

US Ground (DOT) 1 Gallon and Less may be Classed as CONSUMER COMMODITY, ORM-D Larger Containers are Regulated as: UN1263, PAINT RELATED MATERIAL, 3, PG II, (ERG#128)

- DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities n-Butyl acetate 5000 lb RQ Toluene 1000 lb RQ Xylenes (isomers and mixture) 100 lb RQ
- Bulk Containers may be Shipped as (check reportable quantities):
  RQ, UN1263, PAINT RELATED MATERIAL, 3, PG II, (XYLENES (ISOMERS AND
  MIXTURE)), (ERG#128)
- Canada (TDG) UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (ERG#128)

IMO

UN1263, PAINT RELATED MATERIAL, CLASS 3, PG II, (-6 C c.c.), EmS F-E, S-E

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
108-88-3	Toluene	7	
100-41-4	Ethylbenzene	2	
1330-20-7	Xylene	12	
67-56-1	Methanol	9	
108-10-1	Methyl Isobutyl Ketone	2	

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, on 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 no liability in connection with any use of this information.