

TIFCO NOS. 9488, 9601, 9602

M A T E R I A L   S A F E T Y   D A T A   S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : STAINLESS STEEL  
IDENTIFICATION NUMBER: 0000160054  
PRODUCT USE/CLASS :

DATE PRINTED: 02/02/96

SUPPLIER:  
SEYMOUR OF SYCAMORE  
917 CROSBY AVENUE  
SYCAMORE, IL 60178

MANUFACTURER:  
SEYMOUR OF SYCAMORE  
917 CROSBY AVENUE  
SYCAMORE, IL 60178

24 hr. Telephone: (800) 255-3924

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PREPARER: WGZ, PHONE: 815-895-9101, PREPARE DATE: 01/19/96

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	Acetone		
02	Toluol	00067-64-1	25.0 %
03	Propane	00108-88-3	25.0 %
04	Xylene	00074-98-6	20.0 %
05	N-Butane	01330-20-7	15.0 %
06	Ethyl Benzene	00106-97-8	10.0 %
07	Mineral Spirits	00100-41-4	5.0 %
		64742-47-8	5.0 %

ITEM	EXPOSURE LIMITS				COMPANY TLV-TWA	SKIN
	TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	PEL-CEILING		
01	750 ppm	1000 ppm	750 ppm	1000 ppm	N.E.	YES
02	50 ppm	N.E.	100 ppm	150 ppm	N.E.	YES
03	1000 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
04	100 ppm	150 ppm	100 ppm	150 ppm	N.E.	YES
05	800 ppm	N.E.	800 ppm	N.E.	N.E.	NO
06	100 ppm	125 ppm	100 ppm	125 ppm	N.E.	NO
07	100 PPM	N.E.	500 PPM	N.E.	N.E.	YES

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

\*\*\* EMERGENCY OVERVIEW \*\*\*: May cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this

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**SECTION 3 - HAZARDS IDENTIFICATION**

product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**EFFECTS OF OVEREXPOSURE - INHALATION:** Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

**EFFECTS OF OVEREXPOSURE - INGESTION:** This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Possible reproductive hazard.

**PRIMARY ROUTE(S) OF ENTRY:** SKIN ABSORPTION INHALATION INGESTION EYE CONTACT SKIN CONTACT

**SECTION 4 - FIRST AID MEASURES**

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**FIRST AID - SKIN CONTACT:** Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing. Wash skin with soap and water. Get medical attention.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

**FIRST AID - INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**SECTION 5 - FIRE FIGHTING MEASURES**

**FLASH POINT:** -4 F  
(TAGLIABUE CLOSED CUP)

**LOWER EXPLOSIVE LIMIT:** 0.7 %  
**UPPER EXPLOSIVE LIMIT:** 12.8 %

**AUTOIGNITION TEMPERATURE:**

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#### SECTION 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER FOG DRY CHEMICAL CO2 ALCOHOL FOAM FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air.

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

#### SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

STORAGE: Keep away from heat, sparks and flame.

#### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

HYGIENIC PRACTICES: No Information.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE	: -44 - 389 F	VAPOR DENSITY	: Is heavier than air
ODOR	: AROMATIC	ODOR THRESHOLD	: NA
APPEARANCE	: LIQUID	EVAPORATION RATE:	Is faster than Ether
SOLUBILITY IN H2O	: SLIGHT		
FREEZE POINT	: NA	SPECIFIC GRAVITY:	0.7949
VAPOR PRESSURE	: 40 PSI	pH @ 0.0 %	: NA
PHYSICAL STATE	: LIQUID	VISCOSITY	: NA

COEFFICIENT OF WATER/OIL DISTRIBUTION:

(See Section 16 for abbreviation legend)

## SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not store above 120 deg. F. Keep away from sparks, pilot lights, and/or open flames.

INCOMPATIBILITY: No Information.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

## SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD50: 10 mg/kg

PRODUCT LC50: 3400 ppm

## COMPONENT TOXICOLOGICAL INFORMATION:

----- CHEMICAL NAME -----	----- LD50 -----	----- LC50 -----
Acetone	Oral:Rat:9.6 mL/kg	Inhal:Rat>16000ppm
Toluol	Oral:Rat:5000mg/kg	Inhale:Rat:4000ppm
Propane	No Information	No Information
Xylene	No Information	No Information
Acrylic Resin	No Information	No Information
N-Butane	No Information	No Information
Iron	No Information	No Information
Ethyl Benzene	No Information	No Information
Mineral Spirits	No Data	Inhale:Rat:3400ppm
Chromium	No Information	No Information
Alkyl Quaternary Ammonium Montmorill	No Information	No Information
Nickel	No Information	No Information
Hexane	Oral:Rat28700ug/kg	No Data
Methanol	Oral:Rat:9600mg/kg	Inhale:Rat64000ppm
Soy Phospholipids A-36	No Information	No Information
Water	No Information	No Information

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