



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 10/28/2008 REVISION NUMBER: 2  
DATE PRINTED: 11/11/2008 PREPARED BY: Walter Friedlander

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **SS 488, Solvent Degreaser Aerosol**  
PRODUCT CODE: 105550

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1 Fire: 1/1  
Reactivity: NA Special/Protective Equipment: None

NAME OF THE MANUFACTURER: Rochester Midland Corporation  
333 Hollenbeck Street  
Rochester, New York 14621  
Information: 585-336-2200  
Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed.  
SKIN CONTACT: May cause dryness and irritation.  
INHALATION: Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.  
EYE CONTACT: Causes eye irritation.  
CHRONIC EFFECTS: Repeated overexposure may cause damage to liver, kidney, and red blood cells.  
EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.  
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	ACGIH TLV	OSHA PELs
1,1,1-TRICHLOROETHANE 71-55-6	88-98	350 ppm	1900 mg/m <sup>3</sup> 350 ppm
Propellant: Carbon Dioxide 124-38-9	1-10	5000 ppm	5000 ppm 9000 mg/m <sup>3</sup>

### 4. FIRST AID MEASURES

INGESTION: Contact Physician.  
SKIN: Remove contaminated clothing. Wash skin with water, using soap if available.  
INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
NOTES TO PHYSICIAN: Never administer adrenalin following overexposure to this material. Increased sensitivity of the heart to adrenalin may be caused by overexposure.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): None (C): NA  
METHOD: TCC

## SS 488, Solvent Degreaser Aerosol

### FLAMMABLE LIMITS IN AIR

- LOWER (%): 7%  
- UPPER (%): 15%

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**SUITABLE EXTINGUISHING MEDIA:**

Carbon Dioxide, Dry Chemicals, Foam.

**FIRE FIGHTING PROCEDURES:**

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

**SMALL SPILLS:**

Pick up with absorbant material.

**LARGE SPILLS:**

Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers.

**PERSONAL PRECAUTIONS:**

NA

**ENVIRONMENTAL PRECAUTIONS:**

NA

**METHODS FOR CLEANING UP:**

NA

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN  
IN HANDLING AND STORAGE:**

Do not puncture or incinerate container. Do not store above 120 F.

**OTHER PRECAUTIONS:**

Read and follow label instructions. Keep out of reach of children.

**SPECIFIC USE(S):**

NA

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**

**EXPOSURE CONTROLS:**

Localized ventilation should be used to control dust levels.

**RESPIRATORY PROTECTION:**

None normally required. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.

**PROTECTIVE GLOVES:**

Viton gloves. Polyvinyl alcohol gloves. Chemical resistant gloves.

**EYE PROTECTION:**

Safety Glasses.

**OTHER PERSONAL PROTECTION**

None required.

**EQUIPMENT:**

**VENTILATION:**

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:**

Water white liquid. Solvent odor.

**BOILING POINT (F):**

180

(C) NA

**VAPOR PRESSURE:**

96 mm Hg

**VAPOR DENSITY (AIR=1):**

0.625

**SOLUBILITY IN WATER:**

NA

**SPECIFIC GRAVITY:**

1.29

**VOC Content (%):**

100

**VOV Content (%):**

NE

**EVAPORATION RATE:**

> BuAc

**PH:**

NA

## 10. STABILITY AND REACTIVITY

**STABILITY DATA:**

STABLE

**POLYMERIZATION:**

Will Not Occur.

## SS 488, Solvent Degreaser Aerosol

### 10. STABILITY AND REACTIVITY

**HAZARDOUS DECOMPOSITION:** Carbon Monoxide. Hydrochloric Acid. Phosgene.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong alkalis. Oxidizing materials. Reactive metals such as aluminum and magnesium.  
**CONDITIONS/HAZARDS TO AVOID:** Avoid temperatures greater than 100 f. Open flames.

### 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** NE  
**EFFECTS OF CHRONIC EXPOSURE:** NE  
**OTHER TOXIC EFFECTS:** NE

### 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** No data at this time  
**CHEMICAL FATE INFORMATION:** No data at this time.  
**MOBILITY:** NA  
**PERSISTENCE/DEGRADABILITY:** NA  
**BIOACCUMULATIVE POTENTIAL:** NA  
**OTHER ADVERSE EFFECTS:** NA

### 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** Dispose in accordance with Federal, State and Local regulations.

### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

### 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	Listed	Listed	Listed	Not Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	0.454 kg 1 lb 1000 lb 454 kg	Not Listed	Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

## SS 488, Solvent Degreaser Aerosol

PRODUCT COMPOSITION CAS#	%	MARTK:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
1,1,1-TRICHLOROETHANE 71-55-6	88-98	Listed
Propellant: Carbon Dioxide 124-38-9	1-10	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*