



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/17/2012      REVISION NUMBER: 7  
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### 1. CHEMICAL PRODUCT

**PRODUCT NAME:** SEE THRU  
**PRODUCT CODE:** 117689

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

**Health:** 1/1      **Fire:** 0/0  
**Reactivity:** 0/0      **Special/Protective Equipment:** None/B

**NAME OF THE MANUFACTURER:** Rochester Midland Corporation      Emergency Phone:  
 155 Paragon Drive      INFOTRAC: 1-800-535-5053  
 Rochester, New York 14624      OUTSIDE US: 1-352-323-3500  
 USA

### 2. HAZARDS IDENTIFICATION

**EFFECTS FROM ACUTE EXPOSURE:**

**INGESTION:** May cause severe irritation. Causes vomiting, nausea, and diarrhea.  
**SKIN CONTACT:** Possible dryness; irritation with prolonged contact; possible systemic effects such as nausea or dizziness with prolonged or repeated contact.  
**INHALATION:** Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.  
**EYE CONTACT:** May cause mild eye irritation.  
**CHRONIC EFFECTS:** 2-Butoxyethanol is readily absorbed through the skin; frequent or widespread contact may absorb harmful amounts. 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
2-Butoxy ethanol 111-76-2	<5 max.	20 ppm	240 mg/m <sup>3</sup> 50 ppm

### 4. FIRST AID MEASURES

**INGESTION:** Drink several glasses of water or milk. Contact Physician. Never give anything by mouth to an unconscious person.  
**SKIN:** Wash with soap and water.  
**INHALATION:** Move person to fresh air. Aid breathing if necessary.  
**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:** None.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

**5. FIRE AND EXPLOSION HAZARD DATA**

METHOD:	(F): None to boiling to boiling (C): None None
FLAMMABLE LIMITS IN AIR	
LOWER (%):	No data
UPPER (%):	No data
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	As appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	None.

**6. ACCIDENTAL RELEASE MEASURES****SPILL PROCEDURES:**

SMALL SPILLS:	Flush with water.
LARGE SPILLS:	Dike to contain, reclaim all possible. Flush remainder with water.

PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

**7. HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Avoid contact with eyes. Use only with adequate ventilation. Do not breathe mist or vapors. Avoid prolonged contact.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT:**

EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.
PROTECTIVE GLOVES:	Rubber or plastic gloves recommended to minimize skin contact.
EYE PROTECTION:	Safety Glasses.
OTHER PERSONAL PROTECTION EQUIPMENT:	None required.
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR:	Clear, blue liquid. Glycol Ether-like odor.
BOILING POINT (F):	212° F (C) 100° C
VAPOR PRESSURE:	15.7 mm Hg @ 22.2° C
VAPOR DENSITY (AIR=1):	0.625
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	0.99 - 1.00
VOC Content (%):	Not determined
EVAPORATION RATE:	(BuAc = 1) : 1.26
PH:	7 - 8

**10. STABILITY AND REACTIVITY**

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.  
**HAZARDOUS DECOMPOSITION:** Oxides of Carbon. Oxides of Nitrogen.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** None known.  
**CONDITIONS/HAZARDS TO AVOID:** None known.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY:** Not Established  
**EFFECTS OF CHRONIC EXPOSURE:** Not established.  
**OTHER TOXIC EFFECTS:** Not established.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** No data at this time  
**CHEMICAL FATE INFORMATION:** No data at this time.  
**MOBILITY:** Not applicable.  
**PERSISTENCE/DEGRADABILITY:** Not applicable  
**BIOACCUMULATIVE POTENTIAL:** Not applicable  
**OTHER ADVERSE EFFECTS:** Not applicable

**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:
2-Butoxy ethanol 111-76-2	<5 max.	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
2-Butoxy ethanol 111-76-2	<5 max.	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
2-Butoxy ethanol 111-76-2	<5 max.	Listed

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

PRODUCT COMPOSITION CAS#	%	MARTK:
2-Butoxy ethanol 111-76-2	<5 max.	Listed

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

**SEE THRU**

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<b>PRODUCT COMPOSITION CAS#</b>	<b>%</b>	<b>NJRTK:</b>
2-Butoxy ethanol 111-76-2	<5 max.	Listed

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

<b>PRODUCT COMPOSITION CAS#</b>	<b>%</b>	<b>PARTK:</b>
2-Butoxy ethanol 111-76-2	<5 max.	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 \*\*\***