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: **TEX AR-V**
PRODUCT CODE: 117958

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

Health: 2/2 **Fire:** 2/2
Reactivity: 0/0 **Special/Protective Equipment:** None/B

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: Low toxicity in small quantities. May be harmful if swallowed. Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue blurred vision, slurred speech, giddiness, tremors and convulsions.

May cause blood abnormalities. May cause liver and kidney damage. May cause loss of consciousness.

SKIN CONTACT: May cause mild skin irritation. May cause skin burns. Harmful if absorbed through the skin. Symptoms of toxicity may include: Central nervous system depression (dizziness, drowsiness, weakness, fatigue, nauseam headache, unconsciousness); blood abnormalities, kidney damage, liver damage.

INHALATION: May be fatal if inhaled. May cause Central Nervous System effects. May cause damage to kidneys and/or liver.

EYE CONTACT: May cause moderate eye irritation. Causes redness and tearing.

CHRONIC EFFECTS: Acute lethal exposures in animal studies have resulted in congestion of organs including kidney, spleen, and lungs. Overexposure to this material (or component) has apparently been found to cause the following effects in laboratory animals: blood abnormalities, mild reversible liver effects, mild reversible kidney effects.

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
Ethylene glycol butyl ether 111-76-2	99.5	20 ppm	240 mg/m^3 50 ppm
Propylene glycol 57-55-6	20 - 30	NA	NA

4. FIRST AID MEASURES

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INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconcious person.

SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop.

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, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

NOTES TO PHYSICIAN: None.

5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F): 150 F (TCC) **(C):** NA
METHOD: TCC

FLAMMABLE LIMITS IN AIR

- **LOWER (%):** 1.1%
- **UPPER (%):** 10.6%

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

SUITABLE EXTINGUISHING MEDIA: Water fog, carbon dioxide, foam, dry chemical.

FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Rinse down drain.

LARGE SPILLS: Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable.

PERSONAL PRECAUTIONS: NA
ENVIRONMENTAL PRECAUTIONS: NA
METHODS FOR CLEANING UP: NA

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DANGER: Combustible liquid and vapor. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Keep from freezing.

OTHER PRECAUTIONS: Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied.

SPECIFIC USE(S): NA

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS: Use in a well ventilated area.

RESPIRATORY PROTECTION: NIOSH approved organic vapor respirator.

PROTECTIVE GLOVES: Chemical resistant gloves. Neoprene. Nitrile gloves. Rubber gloves.

EYE PROTECTION:	Goggles. Safety Glasses.
OTHER PERSONAL PROTECTION EQUIPMENT:	Rubber boots. Appropriate protective clothing as needed to prevent skin contact. Eyewash fountains and safety showers must be easily accessible.
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, colorless liquid. Slight glycol ether odor.
BOILING POINT (F):	336 - 343 F **(C)** NA
VAPOR PRESSURE:	0.8 mm Hg @ 25 C
VAPOR DENSITY (AIR=1):	4.1
SOLUBILITY IN WATER:	NA
SPECIFIC GRAVITY:	0.9022 +/- 0.01
VOC Content (%):	99 min.
VOV Content (%):	NE
EVAPORATION RATE:	0.06 (n-BuAc = 1)
PH:	7 (typical)

10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Incomplete combustion produces: Fumes. Smoke. Carbon Monoxide.
INCOMPATIBILITY (MATERIALS TO AVOID):	Acids. Alkalines. Strong oxidents, such as nitric acid, or hypochlorites.
CONDITIONS/HAZARDS TO AVOID:	Extreme heat, direct sunlight. Open flames. Welding arcs.

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

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PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
Ethylene glycol butyl ether 111-76-2	99.5	Listed	Listed	Listed	Not Listed
Propylene glycol 57-55-6	20 - 30	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
Ethylene glycol butyl ether 111-76-2	99.5	Not Listed	Not Listed	Listed
Propylene glycol 57-55-6	20 - 30	Not Listed	Not Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
Ethylene glycol butyl ether 111-76-2	99.5	Listed
Propylene glycol 57-55-6	20 - 30	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:
Ethylene glycol butyl ether 111-76-2	99.5	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:
Ethylene glycol butyl ether 111-76-2	99.5	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:
Ethylene glycol butyl ether 111-76-2	99.5	Listed
Propylene glycol 57-55-6	20 - 30	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 *****