



## MATERIAL SAFETY DATA SHEET

REVISION DATE: 07/20/2010

REVISION NUMBER: 4

DATE PRINTED: 07/20/2010

PREPARED BY:

EH&S DEPARTMENT

### 1. CHEMICAL PRODUCT

PRODUCT NAME: **RI 750**

PRODUCT CODE: 118044

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

Health: 3/3

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

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

### 2. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting.  
**SKIN CONTACT:** Causes severe skin irritation.  
**INHALATION:** Harmful if inhaled.  
**EYE CONTACT:** Causes eye irritation.  
**CHRONIC EFFECTS:** Prolonged exposure may cause chronic 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<br>CAS#  | %         | ACGIH TLV | OSHA PELs                         |
|------------------------------|-----------|-----------|-----------------------------------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | 100 ppm   | 2900 mg/m <sup>3</sup><br>500 ppm |

### 4. FIRST AID MEASURES

**INGESTION:** DO NOT INDUCE VOMITING. Aspiration hazard. Get immediate medical attention. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

**SKIN:** Rinse thoroughly with water. Remove contaminated clothing and laundry before reuse. Get medical attention if irritation persists.

**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. Remove contact lenses after the first 5 minutes and continue rinsing.

**NOTES TO PHYSICIAN:** Treatment based on sound judgment of physician and individual reactions of patient.

### 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:

(F): 107.6° F (C): 42° C

METHOD:

TCC

**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:**

Carbon Dioxide, Dry Chemicals, Foam. Use of water may cause spattering.

**FIRE FIGHTING PROCEDURES:**

Combustible. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Material does not have explosive properties in liquid state, but vapors may form explosive mixtures with air. Toxic vapors are emitted in a fire condition. Vapor or gas may spread to distant ignition sources and flash back. Containers can build up pressure if exposed to heat (fire).

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:**

**SMALL SPILLS:**

Mop up or soak up immediately. Pick up with absorbant material.

**LARGE SPILLS:**

May form explosive mixtures with air. Ventilate spill area. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Keep out of drains, sewers, streams, or other bodies of water.

**PERSONAL PRECAUTIONS:**

Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection. Evacuate personnel to safe areas.

**ENVIRONMENTAL PRECAUTIONS:**

Keep out of drains, sewers, streams, or other bodies of water.

**METHODS FOR CLEANING UP:**

Sweep up into containers for disposal.

## 7. HANDLING AND STORAGE

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

**DANGER:** Combustible liquid and vapor. Use only with adequate ventilation. Bond and ground during liquid transfer. Do not inhale vapors.

Do not store near heat, sparks or flame.

Do not store near oxidizing agents. Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Vapors are heavier than air and may tend to collect in low or poorly ventilated areas resulting in possible fire and/or inhalation hazard. Store only in original container and keep closed. Do not reuse container. Store in a cool, dry location away from incompatible materials. Isolated outside storage is preferred. Inside storage area should be in a flammable liquids cabinet or storage area.

**OTHER PRECAUTIONS:**

Keep out of reach of children. Read and follow label instructions. Minimize exposure to liquids, mists, vapors, or fumes.

**SPECIFIC USE(S):**

Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**EXPOSURE CONTROLS:**

Ensure adequate ventilation, especially in confined areas.

**RESPIRATORY PROTECTION:**

Not normally required, but if vapor concentration is high due to heat, use a NIOSH approved respirator. Wear self-contained breathing apparatus.

**PROTECTIVE GLOVES:**

Nitrile (NBR). Neoprene.

**EYE PROTECTION:**

Goggles. Face shield.

**OTHER PERSONAL PROTECTION EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

**VENTILATION:**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Required when spraying large amounts or applying in confined area. Use non-sparking equipment.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                        |                                  |            |
|------------------------|----------------------------------|------------|
| APPEARANCE AND ODOR:   | Brown. Liquid. Hydrocarbon odor. |            |
| BOILING POINT (F):     | 302° F                           | (C) 150° C |
| VAPOR PRESSURE:        | Not determined                   |            |
| VAPOR DENSITY (AIR=1): | Not determined                   |            |
| SOLUBILITY IN WATER:   | Insoluble                        |            |
| SPECIFIC GRAVITY:      | 0.88 (15.6° C)                   |            |
| VOC Content (%):       | Not determined                   |            |
| VOV Content (%):       | Not determined                   |            |
| EVAPORATION RATE:      | Not determined                   |            |
| PH:                    | Not determined                   |            |

**10. STABILITY AND REACTIVITY**

|                                       |                                                                           |
|---------------------------------------|---------------------------------------------------------------------------|
| STABILITY DATA:                       | STABLE                                                                    |
| POLYMERIZATION:                       | Will Not Occur.                                                           |
| HAZARDOUS DECOMPOSITION:              | Smoke. Carbon Monoxide. Carbon Dioxide. Aldehydes.                        |
| INCOMPATIBILITY (MATERIALS TO AVOID): | Strong oxidents, such as nitric acid, or hypochlorites.                   |
| CONDITIONS/HAZARDS TO AVOID:          | Extreme heat, direct sunlight. Open flames. Avoid any source of ignition. |

**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<br>CAS#  | %         | TSCA:  | EINECS: | Canada DSL: | CA PROP 65: |
|------------------------------|-----------|--------|---------|-------------|-------------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | Listed | Listed  | Listed      | Not Listed  |

## RI 750

| PRODUCT COMPOSITION<br>CAS#  | %         | CERCLA:    | SARA 302:  | SARA 313:  |
|------------------------------|-----------|------------|------------|------------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | Not Listed | Not Listed | Not Listed |

| PRODUCT COMPOSITION<br>CAS#  | %         | Canada WHMIS: |
|------------------------------|-----------|---------------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | Listed        |

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

| PRODUCT COMPOSITION<br>CAS#  | %         | MARTK: |
|------------------------------|-----------|--------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | 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<br>CAS#  | %         | NJRTK: |
|------------------------------|-----------|--------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | Listed |

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

| PRODUCT COMPOSITION<br>CAS#  | %         | PARTK: |
|------------------------------|-----------|--------|
| MINERAL SPIRITS<br>8052-41-3 | 40 - 49.9 | 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 \*\*\*