

# MATERIAL SAFETY DATA SHEET

|                                 |  |
|---------------------------------|--|
| <b>MANUFACTURER'S NAME</b>      | <i>T.R. INDUSTRIES</i>                                 |
| <b>STREET ADDRESS</b>           | <i>11022 VULCAN STREET</i>                             |
| <b>CITY, STATE AND ZIP CODE</b> | <i>SOUTH GATE, CALIFORNIA 90280-0893</i>               |
| <b>PHONE, FAX, e-MAIL</b>       | <i>562-923-0838 562-861-3475 info@trindustries.com</i> |

EMERGENCY PHONE NUMBER (24 Hours):  
**EMERGENCY: Transportation Call: CHEMTREC (800) 424-9300 International: 202-483-7616**  
*Have a physician call: LOS ANGELES POISON INFORMATION CENTER(24 Hrs.) (800) 876-4766*

|  |   |      |   |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
|--|---|------|---|---|--|----------|----------|---|---|--|------------|------------|---|---|--|--------|---------|---|--|--|-----------|--|--|--|--|---|
| <p><b>PRODUCT: TR-100, TR-102, TR-104, &amp; TR-108 MOLD RELEASE</b></p>   | <p><b>CAUTION: FLAMMABLE SOLID. KEEP AWAY FROM HEAT &amp; OPEN FLAME. DO NOT induce vomiting if swallowed.</b></p> <p><b>KEEP OUT OF REACH OF CHILDREN.</b><br/><i>For Industrial use only.</i></p> |      |   |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
| <p><i>DOT (Proper Shipping Name)</i></p> <p><b>FLAMMABLE SOLID, ORGANIC, N.O.S. (MINERAL SPIRITS), 4.1, UN 1325, PGIII LTD QTY</b></p> <p><b>HAZARD RATING NFPA</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">0-LEAST</td> <td style="width: 15%;">FIRE</td> <td style="width: 15%;">-</td> <td style="width: 15%; text-align: center;">2</td> <td style="width: 15%;"></td> </tr> <tr> <td>1-SLIGHT</td> <td>TOXICITY</td> <td>-</td> <td style="text-align: center;">2</td> <td></td> </tr> <tr> <td>2-MODERATE</td> <td>REACTIVITY</td> <td>-</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>3-HIGH</td> <td>SPECIAL</td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>4-EXTREME</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | 0-LEAST   | FIRE | - | 2 |  | 1-SLIGHT | TOXICITY | - | 2 |  | 2-MODERATE | REACTIVITY | - | 0 |  | 3-HIGH | SPECIAL | - |  |  | 4-EXTREME |  |  |  |  | <p><i>IMO/IMDG (PROPER SHIPPING NAME)</i></p> <p><b>FLAMMABLE SOLID, ORGANIC, N.O.S. (MINERAL SPIRITS), 4.1, UN 1325, PGIII LTD QTY</b></p> <p>MARINE POLLUTANT - <b>NO</b></p> <p>STOWAGE AND SEGREGATION - <b>CATEGORY B</b></p> <p>EMERGENCY SCHEDULE <b>F-A S-G</b></p> |
| 0-LEAST  | FIRE  | -    | 2 |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
| 1-SLIGHT   | TOXICITY  | -    | 2 |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
| 2-MODERATE   | REACTIVITY  | -    | 0 |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
| 3-HIGH   | SPECIAL   | -    |   |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |
| 4-EXTREME  |   |      |   |   |  |          |          |   |   |  |            |            |   |   |  |        |         |   |  |  |           |  |  |  |  |   |

| SECTION I .. INGREDIENTS           |            |              |             |
|------------------------------------|------------|--------------|-------------|
| PRODUCT                            | CAS NUMBER | TLV          | PERCENTAGES |
| STODDARD SOLVENT (MINERAL SPIRITS) | 8052-41-3  | 500A<br>100B | 70-75%      |
| NON HAZARDOUS INGREDIENTS:         |            |              |             |
| POPRIETARY WAX BLEND               |            |              | 25-30%      |

threshold Limit Value

A, Osha [X]      B, ACGII X ]      C, See Section III [ ]      D, Other [ ]      Cal Osha [ ]

**Section II .. EMERGENCY AND FIRST AID PROCEDURES**

**Transportation Emergencies Call: CHEMTREC (800) 424-9300 International: 202-483-7616  
Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766**

|              |  |
|--------------|--|
| EYE CONTACT  | Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.   |
| SKIN CONTACT | Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.   |
| INHALATION   | If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention. |
| INGESTION    | If this product is swallowed, seek medical attention immediately. <b>DO NOT</b> induce vomiting unless directed by a physician.  |

**Section III .. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION**

|                  |  |
|------------------|--|
| EYE EFFECTS      | This product may be an eye irritant.   |
| SKIN EFFECTS     | Prolonged skin contact may result in irritation and/or Dermatitis.<br><b>PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN DERMATITIS</b>                                   |
| SYSTEMIC EFFECTS | Various studies have shown a possible association with exposure to this product and the following:<br><b>RESPIRATORY TRAT IRRITATION ANETHESIA IN HIGH CONCENTRATIONS.</b> |

CARCINOGEN: NONE KNOWN

TP IARC MONOGRAPHS OSHAN

**SECTION IV .. SPECIAL PROTECTION INFORMATION**

|                                       |  |
|---------------------------------------|--|
| RESPIRATORY PROTECTION (Specify Type) | The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.                                |
| VENTILATION                           | If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation. |
| EYE PROTECTION                        | Safety glasses and/or face shields are recommended.  |
| PROTECTIVE GLOVES                     | The use of heavy rubber gloves is advised to prevent skin irritation and absorption.   |
| OTHER PROTECTIVE EQUIPMENT            | Impermeable aprons, availability of eye washes and safety are recommended.   |

**SECTION V .. REACTIVITY DATA**

|                                      |   |
|--------------------------------------|---|
| STABILITY<br>Conditions to avoid:    | Stable<br>NONE  |
| INCOMPATIBILITY (Materials to avoid) | This product is incompatible with strong oxidizing agents, strong acids, or bases, and selected amines. |
| HAZARDOUS DECOMPOSITION PRODUCTS     | Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.           |
| HAZARDOUS POLYMERIZATION             | Will Not Occur  |

**SECTION VI .. SPILL OR LEAK PROCEDURES**

|   |   |
|---|---|
| PRECAUTIONS IN CASE OF RELEASE OR SPILL | Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away. |
| WASTE DISPOSAL METHOD                   | Dispose of product in accordance with applicable local, county, state and Federal regulations.  |

**SECTION VII .. STORAGE AND SPECIAL PRECAUTIONS**

|                                  |  |
|----------------------------------|--|
| HANDLING AND STORING PRECAUTIONS | Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation.        |
| OTHER PRECAUTIONS                | Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water. |

**SECTION VIII .. FIRE AND EXPLOSION HAZARD DATA**

|                                  |  |
|----------------------------------|--|
| DOT FLAMMABILITY CLASSIFICATION  | Flash Point: 104°F / 40° C   |
| EXTINGUISHING MEDIA              | Use Foam, CO <sub>2</sub> or dry chemical fire fighting apparatus.   |
| UNUSUAL FIRE & EXPLOSION HAZARDS | Keep work areas free of hot metal surfaces and other sources of ignition.  |
| HAZARDOUS POLYMERIZATION         | The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately. |

**SECTION IX .. PHYSICAL DATA**

|  |   |                                 |
|--|---|---------------------------------|
| APPROXIMATE BOILING RANGE 315-390°F / 157 –198.9 ° C |   |                                 |
| Vapor Density: (AIR=1): 4.90                         |   |                                 |
| VOC CONTENT: 278GM/US. 397GM/ CAN per 14oz           | Percent Volatile: 70%                   | Solubility in Water: NEGLIGIBLE |
| SPECIFIC GRAVITY: <sub>Water=1:</sub> .78            | Weight Per Gallon: 7LBS                 |                                 |
| APPEARANCE AND ODOR:                                 |   |                                 |
| <b>100</b> CRÈME W/CHARACTERISTIC ODOR               | <b>108</b> YELLOW W/CHARACTERISTIC ODOR |                                 |
| <b>102</b> WHITE W/ CHARACTERISTIC ODOR              | <b>104</b> BLUE W/CHARACTERISTIC ODOR   |                                 |

**SECTION X .. DOCUMENTARY INFORMATION**

|   |                    |                         |
|---|--------------------|-------------------------|
| Product Code: <b>TR-100, TR-102, TR-104, TR-108</b> | Issue date: Feb-08 | Prepared By: RAY LUKCIH |
|---|--------------------|-------------------------|

*All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.*