

# SAFETY DATA SHEET

(To comply with OSHA's Hazard Communication Standard 29CFR 1910.1200/ANSI z400.1-1993)

Prepared : July, 2003  
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## 1. PRODUCT & COMPANY IDENTIFICATION

Manufactured by: RTI Formulations, LLC.  
3774 Silver Star Road  
Orlando, FL 32808  
Tel: 407.297.7195 Fax: 407.297.0106  
EMERGENCY TEL: 800.424.9300

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>REACTIVITY</b>	<b>0</b>
PERSONAL PROTECTION	<b>B</b>

Product Trade Name: **SingleKote  
Semi-permanent  
Release Agent**

CAS Number: 64742-48-9  
Generic Chemical Name: Mold Release Agent

## 2. COMPOSITION INFORMATION

<u>Components</u>	<u>CAS No.</u>	<u>% by wt.</u>
Proprietary resin	n/a	1-5%
Aliphatic Naphtha	64742-48-9 TLV(ACGIH)=300ppm	95-99%

## 3. HAZARD IDENTIFICATION

Principal Hazards: Flammable liquid. May form combustible vapors at or above listed flashpoint. Emits toxic fumes if involved in a fire. Shut off fuel to fire.

## 4. FIRST AID MEASURES

Eyes: Flush with large quantities of water for 30 minutes. If irritation persists, seek immediate medical attention.

Skin: Wash with soap and water. Remove severely contaminated clothing (including shoes) and launder before reusing.

Inhalation: In emergency situation, use proper respiratory protection to immediately remove affected person from exposure. Administer artificial respiration if breathing has stopped. Seek prompt medical attention.

Oral: Do not induce vomiting. Keep at rest. Seek immediate medical attention.

<b>5.</b>	<b>FIRE FIGHTING MEASURES</b>
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Flash Point:	36°C (98°F)
Explosive Limit:	> 200°C (392°F)
Health:	1
Flammability:	3
Reactivity:	0
Extinguishing Media:	Use foam, CO2, dry chemical.
Unusual Fire Hazards:	Emits toxic acid fumes if involved in a fire. May form combustible vapor at or above given flashpoint.

<b>6.</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
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Personal Precautions:	Wear protective eyewear, chemical resistant gloves and long sleeves.
Spill Procedures:	Eliminate possible sources of ignition. Prevent additional discharge if possible. Prevent spill from entering sewers or waterways. Contain materials with non-combustible materials (e.g. sand or earth). In the event of a water spill, remove from surface by skimming or absorbing.
Disposal Measures:	Consult an expert on disposal of recovered material. Dispose in compliance with government requirements and local regulations.

<b>7.</b>	<b>HANDLING &amp; STORAGE</b>
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Storage:	Keep drums well sealed in a well-ventilated area. Store between 5°C (41°F) and 35°C (95°F) and away from incompatible materials. Avoid open flames or sparks. Avoid container over-heating by protecting from sunlight. Material will accumulate static charges which may cause electric spark; use proper ground procedures. Do not pressurize, cut, heat or weld containers. Do not reuse empty containers without commercial cleaning or reconditioning.
Handling:	Where prolonged exposure and use is likely, wear safety glasses with side shields, long sleeves and chemical resistant gloves. Where splashing is unlikely but may occur, wear protective eye wear.

<b>8.</b>	<b>EXPOSURE CONTROLS/ PERSONAL PROTECTION</b>
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Exposure Controls:	The use of local exhaust ventilation to control process emissions near the source is recommended, especially in confined spaces.
Respiratory Protection:	Where concentration in air may exceed the occupational exposure limits given in Section 2 or where work practices are inadequate, approved respirators may be necessary to prevent over-exposure by inhalation.
Hand Protection:	Wear chemical resistant gloves if prolonged exposure to skin is likely.
Eye Protection:	Wear safety glasses.

<b>9.</b>	<b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>
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Form:	Liquid
Color:	Clear
Odor:	Mild petroleum odor
Flash Point:	36°C (98°F)
Vapor Pressure:	0.133 dPa at 20°C (68°F)
Specific Gravity:	0.78 ± 0.03 kg/dm <sup>3</sup> at 15°C (59°F)
Water Solubility:	<0.01% at 25°C (77°F)
Vapor Density:	Greater than air.
Boiling Point:	130-180°C (266-356°F)
Freezing Point:	n/a

<b>10.</b>	<b>STABILITY &amp; REACTIVITY</b>
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Hazardous Reactions:	No hazardous reactions when store and handled properly.
Stability:	This product is stable at normal working conditions.
Incompatible Materials:	Avoid strong oxidizing agents.
Polymerization:	Will not occur.
Hazardous Decomposition:	None

<b>11.</b>	<b>TOXICOLOGICAL INFORMATION</b>
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ACUTE EXPOSURE

Eye Irritation:	Contains mild irritants.
Skin Irritation:	Low toxicity. Frequent or prolonged exposure to skin may cause irritation or rash. Skin contact may aggravate existing dermatitis condition.
Inhalation Toxicity:	High vapor concentrations (greater than 1000ppm, approx.) are irritating to the eyes and respiratory tract and may cause headaches, dizziness, anesthesia and other nervous system effects including death.

Oral Toxicity: Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to sever pulmonary injury and possibly death.

<b>12.</b>	<b>ECOLOGICAL INFORMATION</b>
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*No specific ecological data are available for this product. Please refer to Section 6 of this data sheet for information regarding accidental releases and Section 15 for regulatory reporting information.*

<b>13.</b>	<b>DISPOSAL CONSIDERATIONS</b>
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Waste Disposal: Consult an expert on disposal.  
Do not discharge into streams or waterways without proper authorization.

<b>14.</b>	<b>TRANSPORT INFORMATION</b>
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Non-bulk: ground transport only, ORM-D (1-gallon quantities or less)

UN number: 1268  
 ADR class: 3.31°C  
 IMDG class: 3.3°C, page 3375, Ems 3.07, Mfag311  
 RINA class: 3C.46  
 IATA class: 3 gr 3°  
 Packaging Group: III

<b>OTHER INFORMATION</b>
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