

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.
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HEALTH	1
FLAMMABILITY	3
REACTIVITY	0
PERSONAL PROTECTION	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.

5.	FIRE FIGHTING MEASURES
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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.

6.	ACCIDENTAL RELEASE MEASURES
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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.

7.	HANDLING & STORAGE
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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.

8.	EXPOSURE CONTROLS/ PERSONAL PROTECTION
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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.

9.	PHYSICAL & CHEMICAL PROPERTIES
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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 ³ 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

10.	STABILITY & REACTIVITY
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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

11.	TOXICOLOGICAL INFORMATION
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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.

12.	ECOLOGICAL INFORMATION
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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.

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

14.	TRANSPORT INFORMATION
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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

	OTHER INFORMATION
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