

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List) CRG Mold Release	<i>Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.</i>
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Section I	
Manufacturer's name Cornerstone Research Group Inc.	Emergency Telephone Number 1-800-633-8253
Address (Number, Street, City, State and ZIP Code) 2750 Indian Ripple Road Dayton, Ohio 45440	Telephone Number for Information 937/320.1877 Date Prepared January 4, 2005 Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Synthetic isoparaffinic hydrocarbon (CAS 64741-66-8)	none	none		40-70 %
Hydrotreated heavy naphtha (CAS 64742-48-9)	none	none		15-40 %
Proprietary Resin Compound (proprietary)				0.1-1 %

HEALTH: 1
 FLAMMABILITY: 3
 REACTIVITY: 0

Section III—Physical/Chemical Characteristics			
Boiling Point	> 235°F	Specific Gravity (H ₂ O = 1)	0.725
Vapor Pressure (mm Hg)	15.5 (estimated)	Melting Point	NE
Vapor Density (AIR = 1)	4.15 (estimated)	Evaporation Rate (Ether = 1)	1.2 (estimated)
Solubility in Water			
Appearance and Odor			
Colorless liquid; mild odor			

Section IV—Fire and Explosion Hazard Data			
Flash Point (Method Used) 50°F TCC	Flammable Limits	LEL 1.3% (for synthetic isoparaffinic hydrocarbon)	UEL 10.2% (for synthetic isoparaffinic hydrocarbon)
Extinguishing Media			
Water fog, foam, dry chemical or carbon dioxide.			
Special Fire Fighting Procedures			
Firefighters should wear self-contained breathing apparatus (SCBA) and full turn out gear.			
Unusual Fire and Explosion Hazards			
Containers exposed to fire should be cooled with water to prevent vapor pressure buildup which could result in container rupture. If a leak or spill has not ignited, use water spray to disperse vapors. The liquid is volatile and gives off invisible vapors.			

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Not available.

Incompatibility (*Materials to Avoid*)**Oxidizing agents**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Not available.

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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Health Hazards (*Acute and Chronic*)**Toxicity:** Eye, skin and respiratory system irritant.**Primary Routes of Entry:****Eyes:** May cause eye irritation**Skin:** May irritate and cause dermatitis with frequent or prolonged contact.**Inhalation:** May cause irritation to nose, throat and respiratory tract.**Ingestion:** May be harmful if swallowed.**Existing Conditions Aggravated by Exposure:** Existing dermatitis.

Emergency and First Aid Procedures

Ingestion: Keep individual calm. DO NOT induce vomiting. Get medical attention immediately.**Inhalation:** Remove to fresh air. If symptoms develop and persist, get medical attention.**Skin contact:** Immediately flush skin with plenty of water (using soap, if available) for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse.**Eye contact:** Immediately flush eyes with plenty of water for 15 minutes. Seek immediate medical attention.**Section VII—Precautions for Safe Handling and Use**Steps to Be Taken in Case Material Is Released or Spilled

Prevent additional discharge of material, if possible to do so without hazard. Immediately contact emergency personnel. Avoid breathing vapor. Keep unnecessary personnel away. Ventilate area. ELIMINATE SOURCES OF IGNITION. Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or other noncombustible material. Recover by pumping or with absorbent.

Waste Disposal Method

Incinerate following EPA and local regulations.

Precautions to Be Taken in Handling and Storing**Safe Storage:** Keep containers tightly closed and sealed until ready to use. Store in a cool, dry place. Keep well-ventilated and away from incompatible material. Do not store near open flame, heat, or other sources of ignition. Do not store above 120°F.**Handling:** Keep away from heat, sparks and flame. Avoid contact with eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling. Use proper grounding or bonding procedures. Do not cut, heat or weld containers. Empty container may contain residue.**Section VIII—Control Measures****Respiratory Protection (*Specify Type*)** Use a NIOSH-approved respirator if ventilation is not sufficient and the potential exists to exceed any exposure limit.

Ventilation	Local Exhaust	Special
	Use local exhaust ventilation if the potential for airborne exposure exists.	NE
	Mechanical (<i>General</i>)	Other
	NE	NE

Protective Gloves	Chemical-resistant, impermeable gloves	Eye Protection	Chemical splash goggles or safety glasses with side shields.
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Other Protective Clothing or Equipment

Chemical-resistant, impermeable clothing, including an apron or body suit to prevent skin contact.

Work/Hygienic Practices

Wash thoroughly after handling. Wash any contaminated clothing before reuse.