

**SILICONES, INC.**  
**SAFETY DATA SHEET**

**MR-15**

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**SECTION 1 - IDENTIFICATION**

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Product Name: MR-15

Company name of supplier: Silicones, Incorporated

Address : P. O. Box 363  
211 Woodbine Street  
High Point, NC 27261

Telephone: 336-886-5018

Emergency telephone: CHEMTREC  
800-424-9300

Recommended use: Industrial mold making. Not for internal or medical use.

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**SECTION 2 - HAZARDS IDENTIFICATION**

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Flammable Liquids, Category 2  
Germ Cell Mutagenicity, Category 1B  
Aspiration Toxicity, Category 1



Signal word: Danger

Hazard Statements: H225 Highly flammable liquid and vapor  
H340 May cause genetic defects  
H304 May be fatal if swallowed and enters airways

Precautionary Statements: P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat, sparks, open flame, hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion proof electrical, ventilating and lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P280 Wear eye protection, protective clothing, and protective gloves.

GHS Response Statements: P370+378 In case of fire, use dry chemical to extinguish.  
P301+310: If swallowed, immediately contact a poison center or doctor/physician.

P331 If swallowed, do NOT induce vomiting.  
P303+361+353 If on skin or hair, rinse thoroughly with water, and remove/take off contaminated clothing immediately.  
P308+313 If exposed or concerned, get medical attention or advice.  
GHS Storage and Disposal: P403+235 Store in cool, well-ventilated place.  
P405 Store locked up.  
P501 Dispose of containers according to local, state and federal regulations.

Hazard Rating System: HMIS: Health 2  
Flammability 3  
Physical 0  
NFPA: Flammability 3  
Health 1  
Instability 0  
Special Hazard None

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

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### **SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>INGREDIENTS</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Hydrotreated light naphtha	64742-49-0	Not available
Petroleum jelly	8009-03-8	Nonhazardous

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### **SECTION 4 – FIRST AID MEASURES**

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Skin contact: Irritation may result. Wash thoroughly with soap and water.  
Eye Contact: Flush eyes with large quantities of water for at least 15 minutes. Consult a physician.  
Inhalation: Remove to fresh air if user experiences breathing difficulty. Seek medical attention.  
Ingestion: Do not induce vomiting. Contact a poison control center, hospital emergency room, or a physician.  
Primary Routes of Exposure: Inhalation; ingestion; skin contact.

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### **SECTION 5– FIRE-FIGHTING MEASURES**

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OSHA Class IB.

Flash Point: 69 °F

Auto ignition Temperature: 48 °F

Suitable extinguishing media: Carbon dioxide, dry powder, or chemical foam.

Specific hazards: Combustion products may be hazardous.

Hazardous combustion products: Carbon monoxide, carbon dioxide.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus, use personal protective equipment.

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## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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Steps to be taken in case material is released or spilled:

Prevent unnecessary people from entering hazard area. Ventilate closed areas before entering. Shut off possible ignition sources. Prevent spills from entering water systems, storm sewers or drains, etc. Cover spill with an absorbent material such as sand or other inert material. Scoop up and place in an appropriately marked container. For large spills, use dikes, barricades and absorbent booms to prevent spread of material.

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## **SECTION 7 – HANDLING AND STORAGE**

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Handle in accordance with good industrial safety procedures. Wash hands and other exposed areas before eating, drinking or smoking.

Store at temperatures below 80 °F.

Keep containers tightly closed when not in use. Store in a cool, dry place with good ventilation. Do not store near flames, ignition sources or at elevated temperatures.

Empty containers may have residue, follow warnings even after container is empty. Do not reuse container. Dispose of container per all applicable regulations.

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## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Exposure limits: No data available

Use personal protective gear such as rubber gloves, rubber or plastic apron, and eye protection (chemical splash goggles.) Emergency eyewash fountain and shower should be available.

Provide exhaust ventilation to keep airborne concentration below exposure limits. If engineered air control is not available, use proper HIOSH approved respirator for organic solvent vapors.

Do not eat, drink or smoke in work area. Wash hands after handling product and at end of shift.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in small enclosed spaces.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance: Pale yellow liquid.

Odor: Slight hydrocarbon solvent

Odor threshold: No data available

Relative Density: 0.80

Melting point/freezing point: No data available

Initial boiling point/boiling range: 264 °F to 291 °F

Lower flammability limit: No data available

Upper flammability limit: No data available

Flash point: 69 °F

Auto ignition temperature: 48 °F

Decomposition temperature: No data available

Vapor pressure: 11 mm Hg at 68 °F  
Vapor density: 4 (where air =1)  
pH: Not applicable  
Solubility in water: Insoluble  
Partition coefficient, n-octanol/water: No data available  
Evaporation rate: No data available  
Explosive properties: LEL: 0.9 UEL: 6.7  
Oxidizing properties: Not an oxidizing material  
Viscosity: n.a.

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## **SECTION 10 – STABILITY AND REACTIVITY**

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Reactivity: No data available

Stability: Stable under normal ambient conditions.

Other:

Hazardous polymerization: Will not occur

Conditions to avoid: No data available

Incompatible materials: Strong oxidizing materials

Hazardous decomposition products: Carbon monoxide, and carbon dioxide.

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## **SECTION 11 – TOXICOLOGICAL INFORMATION**

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Information on likely routes of exposure: Skin contact, inhalation, ingestion.

Skin contact: Causes skin irritation.

Inhalation: Causes irritation to lungs

Ingestion: Likely to be harmful or have adverse effects.

Acute toxicity: Not available.

Carcinogenicity: Not a carcinogen, based on available data.

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## **SECTION 12 – ECOLOGICAL INFORMATION**

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No data available.

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## **SECTION 13 – DISPOSAL CONSIDERATIONS**

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Dispose in accordance with federal, state, and local environmental control regulations.

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## **SECTION 14 – TRANSPORT INFORMATION**

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DOT Proper Shipping Name: Petroleum Distillates N.O.S.

DOT Hazard Class: 3, Flammable Liquid

UN/NA Number: 1268

Packing Group: II

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## **SECTION 15 – REGULATORY INFORMATION**

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TSCA: All ingredients in this material are included on or exempt from listing on the TSCA Inventory of Chemical Substances.

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## **SECTION 16– OTHER**

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Version: 1.1

Revision date: 09/29/2016

Prepared by: DJ