



MATERIAL SAFETY DATA SHEET  
Material Name: DC 556  
Emergency Telephone No: (800)424-9300

GENERAL INFORMATION

Supplier's Information : McKinley Resources  
P.O. Box 810472  
Dallas, TX 75381  
(972) 620-9730 business  
(972) 421.1860 fax

[info@mckinleyresources.com](mailto:info@mckinleyresources.com) [www.mckinleyresources.com](http://www.mckinleyresources.com)

Date prepared: 16 August 2011  
Chemical Family: Silicone Polymer

Health (NFPA):2      Flammability (NFPA):1      Reactivity (NFPA):0

HAZARDOUS INGREDIENTS

This material contains no ingredients that are known to ICM Products Inc. to be hazardous unless listed below.

| CAS Number | Ingredients              | Wt % | As defined by 29 CFR 1910.1200 |
|------------|--------------------------|------|--------------------------------|
| 70131-69-0 | Polyphenylsilsesquioxane | >60  |                                |

PHYSICAL DATA

|                                     |                              |
|-------------------------------------|------------------------------|
| Boiling Point, °F - >65C            | Volatile, % by Weight - ND   |
| Solubility in Water (%) - Insoluble | Appearance at 25 °C - Liquid |
| Specific Gravity at 25 °C - 0.98    | Odor - Very Little Odor      |
| Vapor Pressure, mm Hg 25 °C - <5    | Flash Point, PMCC, °F - >213 |
| Vapor Density, (Air=1) - NEGL       |                              |

FIRE AND EXPLOSION HAZARD DATA

Flash Point: PMCC>213 F  
Flammable Limits in Air, % by Volume: Unknown  
Lower: Undetermined  
Upper: Undetermined

Extinguishing Media: Use Carbon Dioxide or Dry Chemical on small fires. Use foam (alcohol, polymer or ordinary) and water spray for large fires. Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Unusual Fire and Explosion Hazards: Static electricity is not expected to build up, and product is not sensitive to static.

HEALTH HAZARD DATA

Threshold Limit Value: See Hazardous Ingredients Section  
Effects of overexposure: Contact with skin or eyes may cause temporary irritation. Inhalation for short exposures of less than 8 hours should not cause injury. Oral contact from the fingers to the mouth should not cause injury. Swallowing large amounts may cause digestive discomfort.

Emergency and First Aid Procedures: Flush eyes with copious amounts of water for a minimum of 15 minutes. Wash contacted skin areas with soap and water. If irritation develops, consult a physician. Soaked clothing should be changed.

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#### REACTIVITY DATA

Stability: Stable  Unstable

Incompatibilities: (Materials to Avoid) Strong oxidizing material can cause a reaction.

Hazardous Decomposition Products: Silicon dioxide, carbon oxides, trace amounts of benzene may form when heated above 300 °F.

Hazardous Polymerization: May occur  Will not occur

Conditions to Avoid: See above statements.

#### SPILL, LEAK AND DISPOSAL PROCEDURES

Action to take for spills: (Use appropriate Safety Equipment) Use absorbent material to collect and contain for disposal. Contain large spills and pump into a suitable tank. Wash area with suitable detergent and thoroughly rinse. Disposal Method: All Local, State and Federal Regulations concerning health and pollution should be reviewed to determine approved disposal procedures.

#### SPECIAL HANDLING INFORMATION

Ventilation:

1. Local Exhaust: Recommended
2. Mechanical (general): Recommended
3. Respiratory Protection (type): Canister for organic vapors (i.e. type GMA from Mine Safety Appliance Co.)

Protective Clothing: Clean, body-covering clothing.

Eye Protection: Safety glasses.

Other Protective Equipment: Eye Fountain and Safety Shower in work area

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed and stored away from heat, sparks and open flame

#### TRANSPORT INFORMATION

Proper Shipping Name: Not regulated by DOT.

Hazard Technical Name: NA

Hazard Class: NA

UN/NA Number: NA

Packing Group: NA

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

Section 312 Hazard Class: Acute: YES Chronic: NO Fire: NO Pressure: NO Reactive: NO

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental State Compliance Information

NEW JERSEY: 70131-69-0 >60% Phenyl silicone resin

PENNSYLVANIA: Same as New Jersey

California Prop. 65: None.

TSCA Registered: All components of this product are registered in the TSCA Inventory.

These data are offered in good faith as typical values and not as a Product Specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable; however, each user should review these recommendations in the specific context of intended use and determine whether they are appropriate.