



MATERIAL SAFETY DATA SHEET

Material Name: Phenyl Trimethicone 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 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
Solubility in Water (%) - Insoluble
Specific Gravity at 25 °C - 0.98
Vapor Pressure, mm Hg 25 °C - <5
Vapor Density, (Air=1) - NEGL

Volatile, % by Weight - ND
Appearance at 25 °C - Liquid
Odor - Very Little Odor
Flash Point, PMCC, °F - >213

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.