

SAINT-GOBAIN CRYSTALS

MATERIAL SAFETY DATA SHEET

PRODUCT: BC-630 SILICONE GREASE

SECTION I SUPPLIER INFORMATION

Common Name : BC-630
Chemical Name : Silicone Grease (Methyl Phenyl Polysiloxane)
Formula : N/A
Product CAS # : see below
Supplier : Saint-Gobain Crystals
Address : 12345 Kinsman Road
City, State, Zip : Newbury, OH 44065
Phone : 440-564-2251

EMERGENCY PHONE #: ChemTrec 1-800-424-9300

SECTION II HAZARDOUS INGREDIENT INFORMATION

INGREDIENT	% Wt.	PEL-OSHA	TLV-ACGIH
Substituted Polysiloxane CAS #: 68083-14-7	90 – 95	N/A	N/A
Silica, amorphous treated CAS #: 112945-52-5	4 – 6	N/A	N/A

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs). All ACGIH TLVs refer to the 2004 Standards.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point : Not applicable
Specific Gravity (H₂O=1) : 1.04 at 25°C (77°F)
Melting Point : Not applicable
Vapor Pressure (mm Hg) : Not applicable
Vapor Density (Air=1) : Not applicable
Evaporation Rate (Butyl Acetate=1) : Not applicable
% Solubility/Water : Insoluble

APPEARANCE AND ODOR

Translucent, waxy solid, with slight odor

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point : >148°C (299°F)
Auto-Ignition : Not available
LEL : Not available
UEL : Not available

NFPA HAZARD CLASSIFICATION

Health: 1

Flammable: 1

Reactivity: 0

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HMIS HAZARD CLASSIFICATION

Health: 1 Flammable: 1 Reactivity: 0

EXTINGUISHING MEDIA

Use water fog, carbon dioxide, dry chemical, or foam.

SPECIAL FIRE FIGHTING PROCEDURES

Wear NIOSH/MSHA approved breathing apparatus.

UNUSUAL FIRE AND EXPLOSION PROCEDURES

Product will burn under fire conditions.

SECTION V REACTIVITY DATA

Stability : Stable under normal handling and storage conditions.
Avoid : Combustible material, heat, open flame, spark

INCOMPATIBILITY

Strong acids, strong bases, strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

Carbon monoxide, carbon dioxide, silicon dioxide

Polymerization : Will not occur.

SECTION VI HEALTH HAZARD DATA

ROUTES OF ENTRY

Eyes? YES Skin? N/A Inhalation? N/A Ingestion? YES

EFFECTS OF OVEREXPOSURE

EYE: May cause redness, irritation.

SKIN: Non-irritating.

INHALATION: Not likely.

INGESTION: Low acute oral toxicity.

CARCINOGENICITY

This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.

Under certain conditions, this product may generate formaldehyde as a by product of oxidative thermal decomposition. Formaldehyde is listed as a known human carcinogen by IARC.

CHRONIC HEALTH HAZARDS

This product does not contain any substances that are considered by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

No specific information found.

EMERGENCY AND FIRST AID PROCEDURES

EYES : Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN : Wash skin with soap and water.

INHALATION : Not an expected route of entry.

INGESTION : Seek medical attention.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

EPA Waste # : N/A
UN # : N/A
DOT Classification : Not regulated

TSCA : All ingredients are listed on the inventory.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Absorb with an inert absorbent. Scrape up and place in appropriate closed container (see storage). Clean up residual material with solvent like paint thinner or mineral spirits, provided that there is good ventilation and no sources of ignition.

WASTE DISPOSAL METHOD

Care must be exercised regarding the toxicity, flammability, and disposal of solvents used for clean up.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed and store below 90°F.

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION

Should not be necessary for reasonable, foreseeable industrial end uses of this material

VENTILATION

General area dilution/exhaust ventilation

PROTECTIVE EQUIPMENT

Safety glasses (with side shields)
Gloves

WORK/HYGIENE PRACTICES

Wear suitable long sleeve clothing. Wash hands and face before eating, drinking, using tobacco, applying cosmetics, or using the toilet.

SECTION IX FEDERAL AND STATE REGULATIONS

SARA HAZARD CATEGORIES

IMMEDIATE (Acute) Health Hazard : YES
DELAYED (Chronic) Health Hazard : NO
FIRE Hazard : NO
REACTIVITY Hazard : NO
Sudden Release of PRESSURE : NO

SARA SECTION 313 NOTIFICATION

This product may contain a toxic chemical (or chemicals) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CHEMICAL NAME	CAS#	% Wt.
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NONE

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