

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: **CHO-SEAL 6370**
General Name: Electrically Conductive Elastomer

SECTION 2 COMPOSITION INFORMATION

<u>Components & CAS. No.</u>	<u>Weight %</u>	<u>Exposure Limits</u>
Cured Silicone Resin	<35	Not Established.

This product is a cured silicone material. The ingredients listed below are encapsulated within the matrix, therefore, no exposure to these materials is expected during proper use/handling of this product.

Nickel 7440-02-0	<50	OSHA PEL TWA: 1 mg/m ³ as Ni; ACGIH TLV TWA: 1 mg/m ³ as Ni.
Synthetic Graphite 7782-42-5	<25	OSHA PEL TWA: 15 mg/m ³ total dust, 5 mg/m ³ respirable dust; ACGIH TLV TWA: 2 mg/m ³
Hydrated Alumina 1344-28-1	<7	OSHA PEL TWA: 15 mg/m ³ total dust, 5 mg/m ³ respirable dust; ACGIH TLV TWA: 10 mg/m ³
Titanium Dioxide 1303-86-2	<5	OSHA PEL TWA: 15 mg/m ³ total dust, 5 mg/m ³ respirable dust; ACGIH TLV TWA: 10 mg/m ³
Silica, Crystalline Quartz 14808-60-7	<5	OSHA PEL TWA: see Quartz formula 1910.1000; ACGIH TLV TWA: 0.1mg/m ³ (respirable fraction)

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: This material poses little or no immediate hazard. Thermal decomposition and burning may generate toxic by-products. Refer to other sections of the MSDS for more detailed information.

Routes of Entry: Skin contact.

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Acute Effects

- Eye: Nonirritating under normal conditions of use.
- Skin: Nonirritating under normal conditions of use.
- Inhalation: Nonirritating under normal conditions of use.
- Ingestion: No information available.

Chronic Effects: No chronic health effects reported for this product.

Special Conditions Effects:

This product is a cured silicone material. The ingredients are encapsulated within the matrix, therefore, no exposure is expected during use and handling of this product. However, if the product is processed in a manner that generates dusts, mists or fumes then the toxicity information below would apply:

This product contains crystalline silica which is listed in IARC, NTP and NIOSH as a carcinogen. Prolonged exposure to crystalline free silica may cause scarring of the lungs with symptoms including coughing and shortness of breath.

This product contains nickel which is listed by NTP and IARC as a carcinogen.

Inhalation of natural and synthetic graphite has resulted in cases of pneumoconiosis.

Aggravated Medical Conditions: No data is available for this product mixture.

SECTION 4 FIRST AID MEASURES

Handle in accordance with good industrial hygiene and safety practices by avoiding unnecessary exposure and by removing material from the eyes, skin and clothing.

- Eye: No first aid should be necessary.
- Skin: No first aid should be necessary.
- Inhalation: No first aid should be necessary.
- Ingestion: No first aid should be necessary.

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SECTION 5 FIRE FIGHTING MEASURES

Flash Point: Not applicable.
Autoignition Temp: Not applicable.
Flammability Limits: Not applicable.
Extinguishing Media: Carbon dioxide, water, water foam, dry chemical.

Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing. If large quantities of material are involved, evacuate area and fight fire from a safe distance.

Unusual Fire Hazards: Decomposition and combustion products may be toxic.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill response operations must be conducted in accordance with the provisions of 29 CFR 1910.120. Observe all recommendations identified in Sections 5 and 8.

Procedures: Sweep or pick up and place into containers for disposal.

SECTION 7 HANDLING AND STORAGE

Handling: No special precautions.
Storage: No special precautions.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

The recommendations described in this section are provided as general guidance for minimizing exposure. Because usage conditions vary with customer applications, specific exposure controls should be developed by a person knowledgeable in the intended usage condition and equipment.

Ventilation: Local exhaust ventilation is not required. However, if the product is processed in a manner that generates dusts, mists or fumes, provide ventilation to control airborne levels of Section 2 ingredients below their exposure limits.

Eyes: Wear safety glasses with side shields if operations generate dust, particles, etc.

Skin: Wash thoroughly after handling and before eating or smoking.

Inhalation: Respiratory protection is not required. However, if the product is processed in a manner that generates dusts, mists or fumes, conducting air monitoring to assess the need for respiratory protection.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Black
Specific Gravity: >1
Boiling Point: Not applicable.
Vapor Pressure (25°C): Not applicable
Vapor Density: Not applicable.
Solubility in Water: Insoluble.
Volatile Content (Wt%): Negligible.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Will not occur.
Condition to Avoid: None.
Incompatibilities: None known.

Hazardous Decomposition: Thermal decomposition and burning may produce carbon monoxide, carbon dioxide, silicon dioxide, metal oxides and traces of incompletely burned carbon products.

SECTION 11 TOXICOLOGY INFORMATION

All available toxicology information has been provided in Section 3 of this document.

SECTION 12 ECOLOGICAL INFORMATION

No data on ecological effects is available.

SECTION 13 DISPOSAL INFORMATION

Since regulations vary, consult applicable regulations or authorities before disposing of this material.

SECTION 14 TRANSPORTATION INFORMATION

This product is not regulated as a hazardous material by the U.S. Department of Transportation.

SECTION 15 TRANSPORTATION INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

SARA 313 Chemicals: Nickel 7440-02-0

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Date Prepared: 3-8-99
Document Number: CS6370
Supersedes: 6-5-97
Prepared By: Chomerics Safety Department

Revision Information: New MSDS format

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