



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT IDENTIFIER: HC-RESIN C5-100-GC4, C5-100-GC5, C5-100-GC6
C5-100L-GC4, C5-100L-GC5, C5-H-100**

Manufactured for and supplied by: Telephone no: (330) 798-9300
Harwick Standard Distribution Corporation Date prepared: April 26, 2010
60 South Seiberling Street Preparer: Health, Safety & Environment
P.O. Box 9360
Akron, OH 44305-0360 Product use: Resin

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD ₅₀ mg/kg of Ingredient	LC ₅₀ mg/kg of Ingredient	%
Petroleum Resin	Not established			>99.8
Stabilizer	6683-19-8			<0.2

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

Inhalation **Skin contact** **Eye contact** **Skin absorption** **Ingestion**

Emergency Overview: WARNING! Combustible dust, explosion potential. Explosive dust/air mixtures may form if a high concentration of material dust is suspended in the air. Static charge generated by emptying packages near flammable vapors may cause flash fire. Keep away from heat, sparks, and flame. This material is irritating to skin, eyes and respiratory tract. Avoid eye and skin contact.

Potential Health Effects: Material is irritating to skin, eyes, and respiratory tract. Eye contact with dust may cause corneal scratching or moderate irritation to eyes such as itching, reddening, tearing or burning. Eye contact with heated product may cause thermal burn. Repeated or prolonged skin contact may cause skin irritation or skin sensitization effect. Molten product will cause burns to skin. Prolonged exposure to smoke or fumes generated by heating material may lead to respiratory irritation with throat discomfort, coughing or breathing difficulty. Repeated exposure may lead to respiratory sensitization (asthma).

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SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, seek immediate medical attention.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin contact: Remove contaminated clothing. Wash skin with soap and running water. If irritation develops, seek medical attention. Launder clothing before reuse. If molten product contacts skin, cool under a running stream of water. Do not attempt to remove material from the skin as removal could result in skin damage. Seek medical attention.

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses to ensure thorough flushing. Seek medical attention if irritation persists. If molten product contacts eye, flush eyes with plenty of water for at least 15 minutes and seek medical attention immediately.

Notes to Physician: Material should not be forcibly pulled from skin. Mineral oil may be used to loosen material, then provide treatment for thermal burn. If burn is present, treat as a thermal burn. Specific treatment must be based on judgment of the physician in response to reactions of the patient.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): Not available.

Extinguishing media: Water spray, carbon dioxide or dry chemical.

Special fire fighting procedures: Fight fire from a safe distance and from a protected location. Wear self-contained, positive pressure breathing apparatus and full fire-fighting protective clothing. Flammable dust when finely divided and highly suspended state. Use water spray to cool fire exposed surfaces. Decomposition in fire may produce toxic gases. Do not allow runoff to enter waterways.

Unusual fire and explosion hazards: Toxic emissions may result if product is involved in a fire. Avoid ignition sources such as sparks and flames.

Hazardous combustion products: Material will emit toxic oxides of carbon when heated to decomposition.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear protective equipment specified. Isolate area and remove sources of friction, impact, heat, low level electrical current, and RF energy. Isolate spill and stop leak if possible with being safe. Remove ignition sources and work with non-sparking tools. If material is not contaminated, scoop into clean container for use. If material is contaminated, scoop and place into container for disposal. Do NOT spread spilled product with water. Avoid generation of dust. Avoid inhalation of dust. Keep container closed.

SECTION 7 - HANDLING AND STORAGE

Handling: Good housekeeping should be maintained to prevent dust accumulation. Avoid generating or breathing dust. If product is in dust form, handling of dust product should be accordance with NFPA. Avoid ignition sources such as sparks and flames. Assure proper grounding. Avoid contact with eyes, skin and clothing. Close containers of unused product. Good hygienic practices should be observed. Wash hands before eating, drinking and chewing gum, using tobacco or using the toilet. Do not reuse this container.

Storage: Store closed containers in a cool, dry, well-ventilated area. Store away from strong oxidizing agents and high temperatures. Avoid exposure to direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection (specify type): If dust is generated, use NIOSH approved dust respirator or dusk mask. If vapors/mist generated, use NIOSH approved full-face organic cartridge filter respirator, air supplied respirator or SCBA.

Ventilation: **Local exhaust:** Recommended to minimize exposure.
Mechanical (general): Recommended to minimize exposure.

Protective gloves: Impervious-cotton or rubber work glove.

Eye protection: Safety glasses.

Skin protection: Long sleeve shirt and work pants to prevent skin contact with material.

Other protective clothing or equipment: For molten product, use rubber thermal insulating gloves and other clothing as necessary.

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SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	.95
Softening point:	90-105°C	pH:	Not applicable
Vapor density (AIR=1):	Not determined	Coefficient of water/oil distribution:	Not determined
Solubility in water:	Insoluble	Viscosity @25°C:	Not available
Appearance (physical state):	Solid. Amber to pale yellow flake or pastille	Odor:	Hydrocarbon

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
Unstable:

Conditions to avoid: Keep away from heat, sparks and flame. Avoid ignition sources.

Incompatibility (materials to avoid): Avoid strong oxidizing agents.

Hazardous decomposition or byproducts: Carbon monoxide, carbon dioxide and trace quantities of sulfur oxides.

Hazardous polymerization **May occur:**
Will not occur:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: Material is irritating to skin, eyes, and respiratory tract. Eye contact with dust may cause corneal scratching or moderate irritation to eyes such as itching, reddening, tearing or burning. Eye contact with heated product may cause thermal burn. Prolonged exposure to smoke or fumes generated by heating material may lead to respiratory irritation with throat discomfort, coughing or breathing difficulty.

Chronic: Repeated or prolonged skin contact may cause skin irritation or skin sensitization effect. Repeated exposure may lead to respiratory sensitization (asthma).

Carcinogenicity

NTP **IARC** **OSHA** **ACGIH**

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SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method: In accordance with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT regulated

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

SARA 313

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: None known

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None known.

RCRA status

The following chemical components are listed under (40 CFR 261): None known

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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