

Material Safety Data Sheet



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Dalton, GA

Hickory, NC

High Point, NC

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PRODUCT IDENTIFICATION

Trade Name: NCFI 70-015 Series
Chemical Name: Mixture
Synonyms: Acrylic Coating

Chemical Family: Acrylic Resin System
Formula: N/A
Date Prepared: 04/19/06

INGREDIENTS-HAZARD CLASSIFICATION

Name:	CAS NO.	%	PEL
Calcium Carbonate	1317-65-3	< 35	5mg/m ³ respirable dust
Titanium dioxide	13463-67-7	< 8	5mg/m ³ respirable dust
Fused Silica	60676-86-0	< 2	0.05mg/m ³ respirable dust
Ethylene Glycol	107-21-1	< 1	50 ppm TWA
Ammonia	7664-41-7	< 0.1	50 ppm TWA

See 'Health Hazard' and 'Special Protection' Sections

SHIPPING INFORMATION

Not regulated when shipped domestically by land, air or water.

PHYSICAL DATA

Boiling Point (°F): >200°F

Solubility in Water: High

Appearance and Odor: White and colored liquid,
faint odor

Specific Gravity: 1.4

% Volatile by Volume: Nil

FIRE AND EXPLOSION HAZARD DATA

Flash Point (test method): >240°F (P-M)
(vapor)

Flammable Limits
N/A

Extinguishing Media: Foam, Dry Chemical, CO₂

Special Fire Fighting Procedures: A self-contained breathing apparatus should be worn to protect against toxic and irritating vapors.

Unusual Fire and Explosion Hazards: Material can splatter above 212°F. Dried product can burn.

NFPA Rating: Not Applicable

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: N/A

Polymerization: Will not occur

Incompatibility: Isocyanates and other chemicals that react with hydroxyl groups.

Hazardous Decomposition Products: When burned; CO, CO₂, NO_x, and aliphatic fragments

Conditions to Avoid: May emit toxic materials when heated to 350°F or above.

HEALTH HAZARD DATA

Permissible Exposure Limit: None established.

Effects of Overexposure: May cause skin or eye irritation upon contact. Avoid breathing vapors. The vapors can cause irritation of nose, throat and lungs along with headaches and nausea.

First Aid Procedures

Eyes: Flush with water for at least 15 minutes. See a physician if irritation develops.

Skin: Wash with soap and water at first opportunity.

Inhalation: Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.

Ingestion: Give 2 glasses of water to drink; get medical attention.

SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust ventilation is recommended when working with this product. Uses requiring heating and/or spraying may require more ventilation or personal protective equipment.

Respiratory Protection: The specific respirator selected must be based on contamination levels of this material found in the workplace and the working limits of the respirator. A supplied air, full-face mask, positive pressure or continuous flow respirator or a supplied air hood is required when airborne concentrations are unknown or exceed threshold limit values. A positive pressure, self contained breathing apparatus can be used in emergencies or other unusual situations. Full-face air purifying respirators equipped with ammonia/methylamine cartridges can be used in certain situations, *see OSHA standard 29CFR 1910.134*. All equipment must be NIOSH approved and maintained.

Eye Protection: Goggles or chemical safety glasses or face shield.

Gloves: Chemically resistant rubber or plastic.

Other: Avoid eye and skin contact. Eye wash system and showers should be available.

SPILL OR LEAK PROCEDURES

Personal Protection: Appropriate protective equipment must be worn when handling a spill of this material. See above section.

Large Spill: Dike and absorb with inert material, such as sand, and remove liquid with the use of a vacuum system. Absorb remaining liquid with sand or commercial absorbent and place in containers for proper disposal. Keep any spills away from open bodies of water and also municipal sewers. Wash area with detergent and water.

SPECIAL PRECAUTIONS

Store between 45°F and 85°F out of sunlight. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers closed tight when not in use.

REGULATORY INFORMATION

Workplace Classification

This product is considered hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

SARA TITLE 3: Section 311/312 Categorizations (40CFR 370)

This product is a hazardous chemical under 29CFR 1910. 1200 and is categorized as an immediate and delayed health hazard.

SARA TITLE 3: Section 313 Information (40CFR 372)

This product contains a chemical which is listed in Section 313 at or above de minimis concentrations. The following listed chemicals are present: Ethylene Glycol (107-21-1)

CERCLA Information (40CFR 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

Waste Classification

When a decision is made to discard this material as supplied, it is classified as a RCRA non-hazardous waste.

H.M.I.S. Rating

Health	2
Flammability	0
Reactivity	0
Protective Equipment	1

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