

Material Safety Data Sheet



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Dalton, GA

Hickory, NC

High Point, NC

Mount Airy, NC

Salt Lake City, UT

PRODUCT IDENTIFICATION

Trade Name: NCFI 70-025 Series
Chemical Name: Resin Solution
Synonyms: Silicone coating

Chemical Family: N/A
Formula: N/A
Date Prepared: 01/2008

INGREDIENTS-HAZARD CLASSIFICATION

Name:	CAS NO.	%	PEL & TLV	Vapor Pressure
Crystalline Silica	14808-60-7	31	0.1 mg/m ³	N/A
Petroleum Solvent	Mixture	<17	100 ppm	2.0 mmHg @ 20C

See 'Health Hazard' and 'Special Protection' Sections

1. All other chemicals in this product are Trade Secrets and are not regulated as hazardous by any state Right-to-Know law.

PHYSICAL DATA

Boiling Point (°F): 310 - 385°F
Evaporation Rate: Slower than Ether
% Volatile by Volume: < 250 g/L

Vapor Density: Heavier than Air
Weight per Gallon: 10.25

FIRE AND EXPLOSION HAZARD DATA

Flash Point (test method): > 105°F (TCC) **LEL/UEL:** 1.1%/5.0%

Extinguishing Media: CO₂, water, Dry Chemical or fog

Special Fire Fighting Procedures: Use self contained breathing apparatus with a full face piece operated in the positive pressure demand mode and full protective clothing (Bunker Gear) when fighting fires.

Unusual Fire and Explosion Hazards: As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers.

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: heat, sparks, flames

Polymerization: Will not appear.

Incompatibility: Incompatible with strong oxidizers, concentrated nitric/sulfuric acids, halogen, and molten sulfur.

Hazardous Decomposition Products: When burned; CO, CO₂, various hydrocarbon fragments, and nitrogen oxides.

HEALTH HAZARD DATA

Permissible Exposure Limit: 100 ppm TLV for petroleum solvent, 0.1 mg/m³ PEL for silica.

Effects of Overexposure: Inhalation – nasal and respiratory irritation, dizziness, fatigue, unconsciousness, asphyxiation. Skin – Possible irritation, dermatitis, and defatting. Ingestion – Can cause gastrointestinal disorders.

FIRST AID PROCEDURES

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

Skin: Remove affected clothing, flush with water for at least 15 minutes.

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

Ingestion: DO NOT induce vomiting; get medical attention.

SPECIAL PROTECTION INFORMATION

Ventilation: Use adequate ventilation to keep concentration of vapors below exposure limits.

Respiratory Protection: Use NIOSH approved vapor canister or supplied-air respiratory protection in confined spaces that are not ventilated.

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

Gloves: Use protective gloves if needed to avoid skin irritation.

Other: Keep solvent concentration in working atmosphere below TLV.

SPILL OR LEAK PROCEDURES

Small Spill: Remove with absorbent material.

Large Spill: Eliminate all ignition sources. Ventilate enclosed areas or wear self-contained-breathing-apparatus. Recover free liquid in closed containers. Keep out of sewers and water courses. Clean area with absorbent material.

Waste Disposal: Dispose of absorbed material at an approved disposal site or facility according to state and local regulations.

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.

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