

Product: 87089H45K-A Name: BL Blue Chem Resist Hybrid

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SECTION I- Product Identification

Manufacturers Name: IVC Industrial Coatings Inc.

Address: 1855 Industrial Drive, Grand Haven, MI 49417

Emergency Telephone No. CHEM-TEL (800) 255-3924

Product Class: Powder Coating **Manufacturers Code Identification:**

Trade Name: Powder Coating 87089H45K-A BL Blue Chem Resist Hybrid

DOT Proper Shipping Name: Not Regulated

SECTION II - Hazardous Ingredients

Ingredient/ CAS Number	Percentage Range	OSHA PEL	ACGIH TLV	LEL
Nuisance Dust	100.0%	15 mg/M ³ Total*	10 mg/M ³ Total*	NA
Titanium Dioxide (13463-67-7)	<5.0%	10.0 mg/M ₃	10.0 mg/M ₃	NA
Carbon Black (1333-86-4)	<0.3%	3.5 mg/M ₃	3.5 mg/M ₃	NA

* Limits based on particulates not otherwise regulated.

SECTION III - Physical Data

% Volatile per ASTM D3451-92 Section 13: <1.5% by Weight

Boiling Range: N/A

pH: N/A

%VOC: None

Specific Gravity: 1.529

SECTION IV - Fire & Explosion Data

Flash Point: NA

Extinguishing Media: Dry Chemical, Sand, or Ground Limestone.

Unusual Fire and Explosion Hazards: As with any organic dust, this material can form an explosive mixture with air. Avoid raising dust clouds when fighting fires.

Special Fire Fighting Procedures: Persons exposed to the products of combustion should wear self-contained breathing apparatus and full protective equipment. Avoid raising clouds of dust into the air as an explosive mixture could result.

SECTION V - Reactivity Data

Stability: Stable

Incompatibility (Materials to avoid): Strong Oxidizers

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide

Hazardous Polymerization: Will not occur

Conditions to avoid: Open flames and electrical discharges. Do not store near strong oxidizers.

SECTION VI - Health Hazard Information

Effects of Acute Overexposure: Prolonged exposure to Powder Coatings can dry out the skin. Skin & eye irritation is possible. Inhalation of powder can irritate the nose, throat and upper respiratory tract. Prolonged contact with eyes can be abrasive, as well as severe redness, and tearing which is transient. Ingestion can lead to nausea, vomiting, diarrhea, and/or dizziness.

Effects of Chronic Over Exposure: Dermal contact may result in dermatitis. Contact with the eyes may result in conjunctivitis.

Primary Routes of Entry: Dermal Contact, Inhalation, Eye Contact.

Emergency First Aid Procedures:

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. Seek medical assistance immediately.

Dermal Contact: Wash exposed area with soap & water. Rinse with copious amounts of water to ensure all powder is removed. If irritation persists, consult a physician.

Inhalation: Remove to fresh air, restore breathing, treat symptomatically.

SECTION VII - Aggravated Medical Conditions

Respiratory irritation due to prolonged or repeated inhalation.

Eye and skin irritation due to prolonged or repeated contact.

Other effects unknown.

SECTION VIII - Spill or Leak Procedures

Steps to be taken in case material is released or spilled: Eliminate all sources of ignition. Wear protective equipment. Avoid eye and dermal contact. Ensure adequate ventilation. Avoid discharge into sewers and waterways. Contact the authorities if this event should occur.

Remove material by sweeping up with a broom and dust pan. Vacuum up using approved vacuum used for fine dusts. Place into sealed containers.

Waste Disposal Method: Dispose according to Local, State, and Federal regulations concerning pollution and health.

CERCLA (Superfund) Reportable quantity: Refer to Section II

RCRA Hazardous waste number (40 CFR 261.33): To be determined by waste generator.

SECTION IX - Special Protection Information

Respiratory Protection: Use with adequate ventilation. NIOSHA / MSHA approved dust respirator should be used as necessary. A self contained breathing apparatus should be used in confined spaces. Use a NIOSH / MSHA approved respirator as necessary. Observe OSHA regulations for respirator use. (29 CFR 1910.134)

Ventilation: Provide adequate room ventilation to maintain dust concentrations below acceptable exposure limit. Provide local exhaust at points of dust emission. Use explosion proof ventilation. Ensure that dust does not build up in ventilation system.

Protective Clothing: Butyl rubber or Neoprene gloves, long sleeve shirts and other clothing as needed to prevent skin contact.

Eye Protection: Safety glasses or chemical splash goggles. Contact Lenses should not be worn.

Other Protective Measures: An eye wash should be available.

SECTION X - Special Precautions

Precautions to be used in handling and storage: Store in tightly closed containers. Observe good grounding practices on all handling equipment. Store away from sources of heat. Keep away from ignition sources. Avoid generation of dust clouds, always wash thoroughly after handling. Avoid breathing dust. Do not use compressed air to remove powder from clothes and skin. Store away from incompatible materials (See Section V).

Other Precautions for Industrial Use Only: Avoid contact with or breathing of any vapors or gasses evolved during the baking process. Do not circulate oven exhaust back into the plant.

SECTION XI - Special Regulatory Information

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

SECTION XII - Special Regulatory Information

SARA Title III Section 313:

There are no raw materials used in the manufacture of this product which are subject to the reporting requirements of SARA under Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986, 40 CFR 372 or other EPA regulation.

Additional Health Information:

Iron Oxide Pigment - Exposure can cause respiratory irritation.
ACGI TLV = 5 mg/M³ as Fe; OSHA PEL = 10 mg/M³ as Dust.