

# COATINGS & ADHESIVES CORPORATION

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HMIS  
Health 2  
Flammability 1  
Reactivity 2  
Personal Protection B

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - PRODUCT IDENTIFICATION

Product Name: 5056C

Chemical Family: Energy – curable acrylic coatings

Date Prepared: August 11, 2003

Prepared by: Jeff Cooke

Telephone Number: 910-371-3184

Emergency Phone Number: 910-371-3184 or CHEMTREC 800-424-9300

### SECTION 2 - HAZARDOUS AND OTHER INGREDIENTS

NJTSRN 561664548-5002 25-35%

NJTSRN 561664548-5003 10-20%

NJTSRN 561664548-5022 10-20%

NJTSRN 561664548-5039 10-20%

NJTSRN 561664548-5017 5-15%

*The above chemicals are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)*

### SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: >100 °C

Solubility in water: Not soluble in water

Vapor Pressure: Low because of its high boiling point

Appearance and Odor: clear liquid with typical acrylate odor

Vapor Density: Not applicable.

Percent volatile by weight: 0%

Specific Gravity: 1.2 – 1.3

Flash Point: Greater than 100 °C

Evaporation Rate (water=1): Not applicable

Extinguishing Media: Fire should be fought with dry chemical, foam or carbon dioxide extinguishers.

Flammable Limits: Not applicable

Special Fire Fighting Procedures: Fire Fighters and others who may be exposed to the products of combustion should be equipped with self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: None

### SECTION 4 - VOC INFORMATION

VOC : 0 % by weight, 0 lbs/gallon  
VOC = lbs voc/gallon less water and exempt compounds

Weight per gallon: 9.0-9.1 lbs/gal.

Volume percent of Volatiles: 0 %

Volume percent of VOC's: 0 %

## SECTION 5 - PHYSICAL HAZARDS

Stability: Unstable ( ) Stable ( x )

Conditions to avoid: Strong oxidizing agents

Incompatibility: Strong Oxidizers

Hazardous Decomposition or Byproducts: Carbon Monoxide plus various acrid side products

Hazardous Polymerization: May occur ( x )  
Will not occur ( )

## SECTION 6 - HEALTH HAZARDS

Route(s) of Entry: Inhalation - NO Skin - YES Ingestion - YES

Health Hazards: Eye contact may cause irritation. Repeated skin contact may also cause irritation.

Carcinogenicity: None NTP? - No IARC Monographs - No OSHA Regulated - No

Signs and Systems of Exposure: Redness of the affected area

Medical Conditions Generally Aggravated by Exposure: None known

### EMERGENCY FIRST AID PROCEDURES

1. Inhalation of fumes: Move to fresh air
2. Eye contact: Flush with large amounts of water and get medical attention if irritation persists
3. Ingestion: Get medical assistance
4. Skin contact: Wash thoroughly with soap and water

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:  
Dike material with absorbent to stop spreading. Prevent leakage into waterways. Mop up small spills immediately.  
The wet and dried coating may present a slip hazard.

Waste disposal methods: Dispose of in accordance with federal, state and local regulations for hazardous waste.  
This material is not a DOT Regulated substance.

Precautions to be taken in handling and storage: Store above 45°F as product may crystallize. Observe all appropriate local regulations.

## SECTION 8 - CONTROL MEASURES

Respiratory Protection: Not generally needed with normal use

Ventilation - Local Exhaust: Preferable Special: None  
Mechanical: Preferable Other: None

Protective Gloves - Use neoprene or rubber

Eye Protection - Use splash proof goggles

Other Protective Clothing or Equipment - None

Work/Hygienic Practices - Use good work practices to avoid contact and spillage.

*While Coatings & Adhesives Corporation believes the data set forth herein are accurate as of the date hereof, CAC makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data are offered solely for your consideration, investigation and verification.*