

Coat'N'Cool[®]HMS

High-Tech Coatings for High-Temp Conditions
HEAT MANAGEMENT SYSTEM FOR SURFACES EXPOSED TO DIRECT SUNLIGHT

Material Safety Data Sheet - 5407 Basecoat

SECTION I – PRODUCT IDENTITY

Name: COAT 'N' COOL 5407 BASECOAT
Class: Water-thinned paint
Color: White

HMIS CODE:

TOXICITY-1 FLAMMABILITY -0 REACTIVITY -0 PERSONAL PROTECTION - *

* For a complete description of HMIS and an explanation of the PERSONAL PROT: code, see Section X.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>HAZ</u>	<u>SARA</u>	<u>MAX%</u>	<u>CAS #</u>	<u>TLV</u>	<u>PEL</u>	<u>STEL</u>	<u>CEIL</u>	<u>MMHg</u>
Titanium Dioxide	Y	N	24.2	13463-67-7	10 mg/m ³	10 mg/m ³	N/E	N/E	N/A
Silicon Hydroxide	Y	N	1.0	1343-98-2	10 mg/m ³	15 mg/m ³	N/E	N/E	N/A
Hydrous Aluminum Silicates	Y	N	8.0	1332-58-7	10 mg/m ³	10 mg/m ³	N/E	N/E	N/A

NOTE: This product contains no reported or suspected carcinogens

NOTE: This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding or grinding.

SECTION III – PHYSICAL DATA

Boiling Point:	N/A	Evaporation Rate:	Slower Than Ether
Weight/Gallon:	10.4 – 10.8 lbs/gal	Vapor Density:	Heavier Than Air
Density:	1.25 – 1.30 g/cm ³	Appearance:	White, medium viscosity
Volume solids (%):	48 - 50%	VOC (g/L):	11.0

SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point: >250 F PMCC

Flammable Limits: **LEL:** Not Applicable **UEL:** Not Applicable

Fire extinguishing materials: Foam, CO₂, Dry Chemical, or Water fog.

Special fire fighting procedures: Cool exposed containers with water. Use self-contained breathing apparatus. Wear SCBA and protective clothing.

Unusual fire & explosion hazards: None. Toxic gases may form when product burns. Closed containers may burst if exposed to extreme heat or fire.

D.O.T. Flammability Class:

NOT REGULATED

SECTION V – HEALTH HAZARD DATA

There are no known health effects when used in accordance with the safe handling and use information (See Sec.VIII). If used improperly:

EFFECTS OF OVEREXPOSURE – ACUTE:

Inhalation – Causes nose and throat irritation.

Contact – Causes eye burns.

Contact – Causes skin irritation.

Ingestion of large amounts could cause serious injury.

EFFECTS OF OVEREXPOSURE – CHRONIC:

Unnecessary exposure to any chemical should be avoided.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

None expected when used in accordance with Safe Handling and Use Information (Section VIII).

PRIMARY ROUTE (S) OF ENTRY:

Dermal/Inhalation/Ingestion

Toxicity Data: No components listed as carcinogenic with:

OSHA, NTP and IARC

EMERGENCY & FIRST AID PROCEDURES:

EYES: Immediately flush eyes with large amounts of water for thorough removal. Seek medical attention.

SKIN: Wash with soap and water. Remove contaminated clothing. If irritation persists seek medical attention.

INHALED: Relocate to fresh air. If irritation persists seek medical attention.

INGESTION: **DO NOT INDUCE VOMITING!** Drink 1 or 2 glasses of water. If spontaneous vomiting is inevitable, prevent aspiration by keeping the victim's head below knees. Seek immediate medical attention.

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SECTION VI- REACTIVITY DATA

STABILITY: STABLE HAZARDOUS POLYMERIZATION WILL NOT OCCUR

CONDITIONS TO AVOID: Elevated temperatures

HAZARDOUS DECOMPOSITION PRODUCTS:

Burning may produce carbon dioxide and carbon monoxide.

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

SECTION VII- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Flush with water. Absorb with sawdust or rags.

WASTE DISPOSAL METHOD:

Comply with local, state and federal regulations. Do not incinerate sealed containers.

SECTION VIII - SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION:

Use NIOSH approved respirator specified for protection against paint spray mist and sanding dust in restricted or confined areas.

VENTILATION:

Adequate to maintain working atmosphere below T.L.V. and L.E.L.

(See Sect. II for ingredient data and concentrations). Mechanical exhaust may be required in confined areas.

PROTECTIVE GLOVES: Waterproof during repeated contact.

EYE PROTECTION: Splash goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clothing adequate to protect skin.

HYGIENIC PRACTICES:

Remove and wash clothing before reuse. Wash hands before eating, smoking or using the washroom.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Do not throw or drop containers.

OTHER PRECAUTIONS: Avoid contact with eyes and prolonged contact with skin or breathing of spray mist or sanding dust. Close container after each use. Keep out of reach of children. Do not take internally.

SECTION X - SPECIAL PRECAUTIONS

HMIS (Hazardous Materials Identification System) (R) NPCA:

HMIS is a recognized workplace Hazard Communications System as required by OSHA (29 CFR 1910.1200).

The ratings assigned by CCJJ LLC are only suggested ratings; the contractor/employer has ultimate responsibility for HMIS rating where this system is used.

PERSONAL PROTECTION: This code is left blank on CCJJ LLC MSDS's as it depends on application technique and the workplace ventilation. Please read Sections II through IX of this MSDS before deciding on appropriate protective equipment and beginning work.

DISCLAIMER

The information contained herein is presented in good faith and believed to be accurate as of the revision date shown below. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

NOTICE: Removal of old paint by sanding, scraping or other means may generate dust or fumes, which contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-LEAD-FYI.

Abbreviations (if used):

OSHA Occupational Safety and Health Administration

NTP National Toxicology Program

IARC Int'l Agency for Research on Cancer Monographs

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