

Coat'N'Cool[®]HMS

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

Material Safety Data Sheet - 1680 Elastomeric White Coating

SECTION I – PRODUCT IDENTITY

Name: COAT 'N' COOL *1680 Elastomeric White Coating*
Class: White Elastomeric
Color: White

HMIS CODE:

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

Note * For a complete description of HMIS for explanation of the PERSONAL PROTECTION CODE: Section VII.

SECTION II- HAZARDOUS INGREDIENTS

INGREDIENT	HAZ	SARA	MAX%	CAS #	TLV	PEL	STEL	CEIL	MMHg
Propylene Glycol	N	N		57-55-6	TWA 175 PPM	0.1 mm HG @ 77 F	N/E	N/E	N/A
Alkyd Phenol Ethoxylate	N	N	<5%	9016-45-9	TWA 175 PPM	1 mm HG @ 77 F	N/E	N/E	N/A

NOTE: This product contains no reported or suspected carcinogens.
NTP: *not tested*, OSHA **regulated** IARC: *not listed*

SECTION III – PHYSICAL DATA

Boiling Point:	N/A	Evaporation Rate:	Slower than ether
Weight/Gallon:	10.41 lbs/gal	Odor Threshold	Mild Odor
Vapor Density: (air =1)	2 - Heavier Than Air	Appearance:	White Colored Liquid
Water Solubility:	Soluble in Water	Material VOC:	0.20 lb/gl
		Coating VOC	0.46 lb/gl

SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point:	250 F
Flammable Limits in Air:	LEL: 2.6% UEL: 12.5%
Auto-ignition Temperature:	Not Established
Fire extinguishing materials:	CO ₂ , Dry Chemical, or Water fog or Mist.
Special fire fighting procedures:	If water is used fog nozzles are preferable. Use water to cool closed containers.
Unusual fire & explosion hazards:	Closed Containers may explode when exposed to extreme heat.
D.O.T. Flammability Class:	TDGA: Not Regulated.

SECTION V – HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE –ACUTE: The proper use of this paint product does not present any serious health hazard known to CCJJ LLC

EFFECTS OF OVEREXPOSURE – CHRONIC: The proper use of this paint product does not present any serious health hazard known to CCJJ LLC

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Unknown

Inhalation Health Risks and Symptoms of Exposure: Inhalation overexposure may cause dizziness, headaches, even unconsciousness.

Skin and Eye Contact Health Risks and Symptoms of exposure:

Prolonged Skin contact will cause drying and defatting of skin tissue leading to irritation and dermatitis. Eye Contact may cause irritation and blurred vision.

Ingestion Health Risks and symptoms of Exposure: Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

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EMERGENCY & FIRST AID PROCEDURES:

EYES: Immediately flush eyes with large amounts of low pressure 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. Administer rescue breathing if breathing has stopped, If individual does not have a pulse then administer CPR: If irritation persists seek medical attention.
INGESTION: INDUCE VOMITING if victim is conscious, Seek immediate medical attention or poison control center.

SECTION VI- REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: will not occur

CONDITIONS TO AVOID: Elevated temperatures or extreme heat

HAZARDOUS DECOMPOSITION PRODUCTS:
Burning may produce carbon dioxide and carbon monoxide.

INCOMPATIBILITY (MATERIALS TO AVOID): Oxygen and strong oxidizers, sulfuric acid, and other dehydrating agents.

SECTION VII- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain, collect and reuse, if possible, all products. Remove all heat and ignition sources. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

WASTE DISPOSAL METHOD:

Do not contaminate any lakes, streams, ponds or underground water supplies. Incinerate or bury in an approved landfill. Be certain to comply with all local, state, and federal regulations in the waste disposal method that you choose. 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, when occupational exposure limits are exceeded. A respiratory protection program meeting OSHA 29 CFR & 1910-134 and ANSI Z88 two requirements must be followed whenever work place conditions warrant a respirator's use

VENTILATION:

Adequate to maintain working atmosphere below T.L.V. and L.E.L.
(See Sect. II for ingredient data and concentrations). Local and Mechanical exhaust are recommended.

PROTECTIVE GLOVES: Neoprene or non-soluble plastic

OTHER PROTECTIVE CLOTHING: Chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

EYE PROTECTION: Chemical Splash goggles and face shield (ANSI z87.z or approved equivalent) Eye protection worn must be compatible with respiratory protection system employed.

OTHER PROTECTIVE EQUIPMENT: Facilities storing or utilizing this product should be equipped with an eyewash facility and safety showers.

HYGIENIC PRACTICES:

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

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SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Recycling is encouraged. Do not throw or drop containers. Keep Containers closed when not in use. Do not handle or store near heat, sparks, open flame, or strong oxidants. Use only in well ventilated areas. Avoid breathing vapors. Avoid contact with skin. Keep out of the reach of children.

OTHER PRECAUTIONS: N/A

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	TLV:	Threshold Limit Value
NTP	National Toxicology Program	TWA:	Time Weighted Average
IARC	Int'l Agency for Research on Cancer Monographs	PEL:	Permissible Exposure Limit
ANSI:	American National Standards Institute	STEL	
OSHA:	US Occupational Safety and Health Administration	CEIL	

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