

# RapidCool

## MATERIAL SAFETY DATA SHEET (Prepared According to 29 CFR 1910.1200)

**PRODUCT NAME:** Thermal Barrier Paste Heat Transfer Cream

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### SECTION I - GENERAL INFORMATION

Manufacturer/Supplier Name:

The Goodwin Group, LLC DBA RapidCool  
112 Saint David Drive  
Lynchburg, VA 24502

Phone: 434-239-3482  
Emergency: 434-546-3012

Date revised 09/27/09

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### SECTION II - COMPONENT INFORMATION

The major components of the formulation comprising deionized water and clay mineral which is commonly used in cosmetic preparations. Health and environmental testing shows very low hazard levels. No other components are believed to be hazardous, or listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1998, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PEL,s are established for any of the other ingredients.

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### SECTION III - PHYSICAL PROPERTIES

APPEARANCE: White Cream  
BOILING POINT: N/A  
VAPOR PRESSURE (mmHg): N/A  
pH: 9.5  
FLASH POINT: N/A  
FLAMMABILITY: Non-Flammable

ODOR: Slight  
SOLUBILITY (H<sub>2</sub>O): 100%  
SPECIFIC GRAVITY (H<sub>2</sub>O): 1.0 @ 60°F  
L.E.L. & U.E.L.: N/A  
FREEZING POINT: Approx. 32°F  
POUNDS PER GALLON: 8.85+/-

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### SECTION IV – HEALTH AND HAZARD DATA

EXPOSURE LIMITS: OSHA PEL: Not Established      ACGIII TEL: Not Established  
ROUTES OF ENTRY: Inhalation-Yes      Skin-Yes      Ingestion-Yes

Signs and Symptoms of Exposure:

SKIN: Negligible hazard. Not a primary skin irritant. Liquid with pH 9.5.

EYES: Hazard evaluated very low.

INHALATION: Hazard evaluated very low. May cause slight irritation of the throat.

INGESTION: Hazard is extremely low. Material is considered non-toxic. Nausea and diarrhea could occur in extreme cases.

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### SECTION V – STABILITY & REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Negligible amounts of carbon monoxide and carbon dioxide

INCOMPATIBILITY: None

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### SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush eyes with large amounts of water for at least 1 minute. Seek medical aid if irritation persists.

**INHALATION:** Negligible. Remove to fresh air and give CPR if unconscious.

**SKIN CONTACT:** Flush affected area and wash with water.

**INGESTION:** Drink water. Obtain medical attention if necessary.

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### SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

**HANDLING AND STORAGE:** Store in temperatures from 35F to 100F in closed containers to prevent evaporation and deterioration. Freezing will destroy integrity of the gel.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all federal, state, provincial, and local laws.

**SPILL OR LEAK PROCEDURES:** Rinse affected area with water.

**OTHER PRECAUTIONS:** Although components have low hazard levels, the product will remove oils from the skin like the common soap. Avoid prolonged skin contact.

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### SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION:

**VENTILATION:** Under ordinary condition of use for its intended purpose, no special ventilation is required.

**PROTECTIVE GLOVES:** Wear if there is prolonged skin contact.

**EYE PROTECTION:** Wear if needed to prevent reasonable probability of eye contact.

**RESPIRATORY PROTECTION:** Not required.

**WORK/HYGENIC PRACTICES:** Do not ingest, splash into eyes and do not inhale for prolonged periods. Wash hands and clothing after using if there is reasonable probability of contact with the product.

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### SECTION VIII - FIREFIGHTING MEASURES

Flashpoint: N/A

Flammable Limits: Non flammable

Autoignition: N/A

Hazardous Combustion Product: N/A

Fire Fighting Instructions: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

Fire & Explosion Hazards: None known.

Extinguishing Media: Not applicable

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### SECTION IX – TOXICOLOGICAL INFORMATION

**TOXICITY:** Organic component and soluble inorganic components are 100% biodegradable. Colloidal mineral component is completely inert and may be introduced into the environment without consequence.



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**SECTION XI – TRANSPORT INFORMATION**

Proper Shipping Name: Aqueous Cream  
DOT Number: Not regulated  
Hazardous Class: Non-hazardous  
Packing Group:

**Detail DOT Information**

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

**Detail IMO Information**

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

**Detail IATA Information**

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

**Detail AFI Information**

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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