



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

PRODUCT NAME: HyloCool LS-3 Thermal Barrier Paste

SECTION I – GENERAL INFORMATION

Manufacturer/Supplier Name:

Hylomar USA Inc
39 Owen Drive
Amherst MA 01002

Phone: +1 248 282 0003
Emergency: +1 800 373 7542
Date Prepared: 15 Nov 2007

SECTION II – COMPONENT INFORMATION

The major components of the formulation comprise of deionized water and clay mineral which is commonly used in cosmetic preparations. Health and environmental testing show 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.

SECTION III – PHYSICAL PROPERTIES

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

ODOR: Slight
SOLUBILITY (H₂O): 100%
SPECIFIC GRAVIT: 1.0 @ 60F
L.E.L. & U.E.L. : N/A
FREEZING POINT: Approx 32F
POUNDS PER GALLON: 8.85

| | | | |
|---|---------------|---------------|--------------------------|
| Hylomar USA Inc., 39 Owen Dr., Amherst MA 01002 Tel: +1 203 982 1136 Fax: +1 206 202 6334 | Revision date | 15 Nov 2007 | Page 1 ¹ of 3 |
| | Product name | HyloCool LS-3 | |



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.

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

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.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING & USE

HANDLING AND STORAGE: Store in temperatures from 34F 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.

| | | | |
|---|---------------|---------------|--------------------------|
| HyloMAR USA Inc., 39 Owen Dr., Amherst MA 01002 Tel: +1 203 982 1136 Fax: +1 206 202 6334 | Revision date | 15 Nov 2007 | Page 2 ¹ of 3 |
| | Product name | HyloCool LS-3 | |



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 closing after using if there is reasonable probability of contact with the product.

SECTION IX – 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 and Explosion Hazards: None known
 Extinguishing Media: N/A

SECTION X – 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.

SECTION XI – TRANSPORT INFORMATION

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

Hylomar USA Inc warrants that the product or products described herein will conform to its published specifications. The products supplied by Hylomar USA and information related to them is intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verifications and testing to determine the suitability of HyloCool materials for their own particular purpose. Since buyer’s conditions of use of product are beyond Hylomar USA’s control, Hylomar USA does not warrant any recommendations and information for the use of such products. Hylomar USA disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.

| | | | |
|---|---------------|---------------|--------------------------|
| Hylomar USA Inc., 39 Owen Dr., Amherst MA 01002 Tel: +1 203 982 1136 Fax: +1 206 202 6334 | Revision date | 15 Nov 2007 | Page 3 ¹ of 3 |
| | Product name | HyloCool LS-3 | |