

**SAFETY DATA SHEET**  
**COLDSHIELD GEL**

Health = 0  
Reactivity = 0  
Flammability = 0

9-9-14

**SECTION I - IDENTIFICATION**

**Hot Dam Spray Gel** – is a heat shield and heat absorbing material used in soldering, brazing and welding operations

Atlanta Special Products Inc  
P.O. BOX 359  
Wasco, IL 60183

Phone 630-377-1750 – also for emergency  
FAX: 630-377-0274

**SECTION II – HAZARD IDENTIFICATION**

The major components of the formulation comprising water and clay mineral (CAS # 53320-86-8) which is commonly used in toothpaste and cosmetic preparations. A small amount of salt (CAS # 7632-00-0) is used to aid in viscosity modification. This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

**SECTION III – Composition / Information on Ingredients**

Non-Flammable solid consisting of water, clay material (CAS # 53320-86-8) and salt (CAS # 7632-00-0).

Non-Harmful or Hazardous

No components are believed to be hazardous, or listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 2012, or are listed as hazardous by SARA, CERCLA, or RCRA. No OSHA PELs are established for any of the other ingredients.

**SECTION IV – FIRST AID MEASURES**

**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. Semi-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

**First Aid**

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

**Skin:** Flush affected area and wash with water.

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

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

**Carcinogenicity**

NTP? No      IARC? No      OSHA Regulated? No

**SECTION V - FIRE AND EXPLOSION MEASURES**

**Flash Point:** Not applicable

**Flammable Limits:** Non-flammable

**LEL:** Not applicable

**UEL:** Not applicable

**Extinguishing media:** Not applicable

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## SECTION VI – ACCIDENTAL RELEASE MEASURES

### Spill or Leak Procedures

Pick up as much of spilled material as possible and rinse affected area with water.

Spill response: material is solid or semi-solid and can be picked up and disposed of in accordance with local government regulations for non-hazardous material.

## SECTION VII – HANDLING AND STORAGE

### Spill or Leak Procedures

Pick up as much of spilled material as possible and rinse affected area with water.

### Waste Disposal Method

Dispose as non-hazardous waste in accordance with local regulations.

### Storage and Handling Precautions

Store in temperatures from 35°F to 100°F in closed containers to prevent evaporation and deterioration. Freezing will destroy integrity of the product.

### Other Precautions

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

## SECTION VIII – EXPOSURE CONTROL AND PERSONAL PROTECTION

### Respiratory Protection

Not required

### Ventilation

Under ordinary conditions 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.

### Work/Hygienic 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.

## SECTION XI - PHYSICAL/CHEMICAL PROPERTIES

|                             |      |                                   |                          |
|-----------------------------|------|-----------------------------------|--------------------------|
| <u>Boiling Point:</u>       | NA   | <u>Vapor Pressure (mm Hg):</u>    | NA                       |
| <u>Solubility in water:</u> | >95% | <u>Specific Gravity:</u>          | 1.0 @ 60°F               |
| <u>pH:</u>                  | 9.5  | <u>Appearance &amp; Odor:</u>     | Translucent gel, no odor |
| <u>Freezing Point:</u>      | 32°F | <u>Melting Point:</u>             | NA                       |
| <u>Flammability:</u>        | NA   | <u>Decomposition Temperature:</u> | >5000°F                  |

## SECTION X – STABILITY AND REACTIVITY

Stability: Stable Incompatibility: strong acids and strong oxidizing agents

Hazardous Decomposition Products: “negligable” amounts of Carbon monoxide and carbon dioxide

Conditions to Avoid: Freezing 32°F or less

Hazardous Polymerization: Will not occur

## SECTION XI - TOXICOLOGICAL INFORMATION

Toxicity: Low acute toxicity (LD 50 – oral – rat > 8g/kg)

Long Term – There are no known or foreseeable long term effects from exposure.

## SECTION XII - ECOLOGICAL INFORMATION

Soluble inorganic components are 100% biodegradable. Colloidal mineral component is completely inert and may be introduced into the environment without consequence.



### SECTION XIII – DISPOSAL CONSIDERATIONS

Product may be disposed of through incineration or other methods in accordance with local governmental regulations. Always contact a licensed, permitted treatment, storage and disposal facility to assure compliance with all local and state governmental regulations.

### SECTION XIV – TRANSPORT INFORMATION

**IMO Hazard Class and Number:** Non-hazardous      **UN Number:** Not applicable  
**US DOT Hazard Class:** Not regulated by DOT      **US DOT Identification Number:** Not applicable

### SECTION XV – REGULATORY INFORMATION

|   |   |
|---|---|
| <b>TSCA:</b> Components listed                                | <b>CERCLA:</b> No reportable ingredients    |
| <b>OSHA:</b> Not regulated                                    | <b>RCRA:</b> No reportable ingredients      |
| <b>SARA TITLE III:</b> Section 302: No reportable ingredients | Section 311/312: No reportable ingredients  |
| Section 313: No reportable ingredients                        |   |
| <b>WHMIS:</b> No reportable ingredients                       | <b>CWA / CAA:</b> No reportable ingredients |
| <b>No State reportable ingredients</b>                        |   |

### SECTION XVI – OTHER INFORMATION

**HMIS Rating: Health: 0      Flammability: 0      Reactivity: 0**  
**DATE September 9, 2014**

The information presented in this MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Atlanta Special Products Inc. The user should review any recommendations, in the specific context of the intended use, to determine whether they are appropriate.