



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** MINI HAND WARMERS

**DATE PREPARED:** November 1, 2012

**PART NUMBER:** 59205

**CHROMATE INDUSTRIAL CORPORATION**

**HAZARD RATING: HEALTH: 1, FLAMMABILITY: 2, REACTIVITY: 1**  
4=EXTREME, 3=HIGH, 2=MODERATE, 1=SLIGHT

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## SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT:	CAS NO:	CHEMICAL NAME	%
Outer Material, Non-Woven Fabric	9002-88-4	Polyethylene	100%
Iron Powder	7439-89-6	Iron	50-70%
Water	7732-18-5	Water	15-25%
Activated Carbon	7440-44-0	Carbon	10-15%
Vermiculite	1318-00-9	N/A	1-5%
Wood powder	N/A	N/A	1-5%
Salt	N/A	N/A	1-4%

## SECTION 3 – HAZARDS IDENTIFICATION

**Emergency Overview:** Burns are possible. Do not place directly on skin, heat from inner pack may cause burns. Do not use during sleep, with infants, on frostbite, or on sensitive or desensitized skin. Do not open inner pack. Ingesting the iron content could result in toxicity.

**Potential Health Effects Eyes:** May cause irritation if eyes are exposed to iron powder inside inner pack.

**Skin:** May cause irritation if skin is exposed to iron powder inside inner pack.

**Ingestion:** May cause irritation if gastrointestinal tract is exposed to iron powder inside inner pack.

**Inhalation:** May cause irritation if respiratory tract is exposed to iron powder inside inner pack.

**Chronic:** May cause permanent damage if eyes, skin, stomach and/or lungs are chronically exposed to iron powder inside inner pack.

## SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush immediately with plenty of water and seek medical aid.

**Skin:** Wash immediately with soap and water.

**Ingestion:** Wash out mouth immediately and seek medical aid.

**Inhalation:** Remove immediately to fresh air and seek medical aid.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Flash Point & Method:** NA

**Exposure Limits:** NA

**Autoignition Temperature:** NA

**Flammability Classification:** NA

**Hazardous Products of Combustion:** NA

**Extinguishing Media:** water, carbon dioxide, dry chemical powder or appropriate foam

**Fire Fighting Instructions:** NA

**Other Fire Fighting Considerations:** NA

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal Protection:** Wash thoroughly after handling

**Environmental Precautions:** None

**Procedures for Spill/Leak Cleanup:** Vacuum spilled contents into container for general waste disposal

**SECTION 7 – HANDLING AND STORAGE**

**Precautions for Safe Handling:** None

**Conditions for Safe Storage:** Keep packs sealed until ready for use and out of reach of children

**Other Recommendations:** Keep away from high temperatures and water

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Controls:** None

**Personal Protective Equipment**

**Eye:** Safety Glasses

**Skin:** Gloves

**Inhalation:** None

**Other Controls:** NA

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White material enclosing dark powder

**Odor Threshold:** none

**Physical State:** solid

**Vapor Pressure:** N/A

**Vapor Density:** N/A

**Melting Point:** N/A

**% Volatile by Volume:** N/A

**Solubility in Water:** Insoluble

**pH:** N/A

**Specific Gravity:** N/A

**SECTION 10 – STABILITY AND REACTIVITY**

**Possible Hazardous Reactions/Conditions:** None Known

**Conditions to Avoid:** None Known

**Materials to Avoid:** None Known

**Hazardous Decomposition:** None Known

**Other Recommendations:** NA

**SECTION 11 – TOXICOLOGICAL INFORMATION**

Not applicable under normal conditions of use.

**SECTION 12 – ECOLOGICAL INFORMATION**

Not applicable under normal conditions of use.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste Disposal Method:** To be performed in accordance with all regulations. Landfill.

**SECTION 14 – TRANSPORT INFORMATION**

**DOT Classification:** Not Hazardous

**SECTION 15 – ADDITIONAL REGULATORY INFORMATION**

None

**SECTION 16 – OTHER INFORMATION**

The above information is, in part, based on material safety data sheets supplied by the vendor of the raw materials used in these products and the manufacturer. The information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for use, or any other warranty is expressed or is implied regarding the accuracy of this data, the results to be obtained from the use of the material, or hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control, and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished of the condition that the person receiving it shall make his or her own determination as to the suitability of the material for his or her particular purpose and the condition that he or she assumes the risk of his or her use thereof.