

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. This Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (<i>As Used on Label and List</i>) CONTROHEAT THERMAL CEMENT, GRADE 1	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name CONTROLS SOUTHEAST, INC.	Emergency Telephone Number (704) 644-5000
Address (<i>Number, Street, City, State, and ZIP Code</i>)	Telephone Number for Information (704) 644-5000
POB 7500, CHARLOTTE, NC 28241	Date Prepared JANUARY 2010
	Signature of Preparer (<i>optional</i>)

Section II - Hazard Ingredients/Identity Information

NFPA HAZARDS:

Fire: 0 (minimal)

Health: 1 (slight)

Reactivity: 0 (minimal)

Hazardous Components (Specific Chemical Identity; Common Name(s))	Exposure Limits	Other Limits Recommended
Sodium Silicate CAS # 1344-09-8		SLIGHTLY ALKALINE
Natural Graphite Powder CAS # 7782-42-5	5mg/m3 PEL	INERT, NON-TOXIC
Clay Powder CAS # 1332-58-7		INERT, NON-TOXIC

Section III - Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ O = 1)	N.A.
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Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (AIR = 1)	N.A.	Evaporation Rate (Butyl Acetate = 1) BUTYL ACETATE=100, NONAQUEOUS LIQUIDS	N.A.
Solubility in Water COMPLETE (BEFORE PRODUCT CURING)			
Appearance and Odor FINE BLACK-GRAINED PASTE, NO ODOR			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N.A.	Flammable Limits N.A.	LEL N.A.	UEL N.A.
Extinguishing Media N.A.			
Special Fire Fighting Procedures N.A.			
Unusual Fire and Explosion Hazards N.A.			

Section V - Reactivity Data

Stability	Unstable	N.A.	Conditions to Avoid N.A.
	Stable	N.A.	
Incompatibility (<i>Materials to Avoid</i>) GELS WHEN MIXED WITH ACID			
Hazardous Decomposition or Byproducts NONE.			
Hazardous Polymerization	May Occur		Conditions to Avoid N.A.
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? N.A.	Skin? X	Ingestion? N.A.
Health Hazards (<i>Acute and Chronic</i>)			
INHALATION: NOT EXPECTED TO BE ACUTELY TOXIC BY INHALATION.			
SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS SKIN DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OR OIL ACNE.			
INGESTION: NOT EXPECTED TO BE ACUTELY TOXIC BY INGESTION.			
EYE: MAY BE MILDLY IRRITATING TO THE EYES.			
CHRONIC: NO KNOWN CHRONIC EFFECTS. EXPOSURE NOT KNOWN TO AGGRAVATE MEDICAL CONDITIONS.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?

NO EVIDENCE OF CARCINOGENIC POTENTIAL.	N.A.	N.A.	N.A.
Signs and Symptoms of Exposure			
SKIN AND EYE IRRITATION			
Medical Conditions Generally Aggravated by Exposure			
NONE			
Emergency and First Aid Procedures			
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. FLUSH SKIN WITH WATER.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
SCOOP-UP EXCESS GRADE 1, WASH WITH WATER
Waste Disposal Method
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
Precautions to Be taken in Handling and Storing
STORE AT TYPICAL ROOM TEMPERATURES. KEEP CONTAINER CLOSED WHEN NOT IN USE.
Special Shipping Precautions
N/A (DEPARTMENT OF TRANSPORTATION: NON-HAZARDOUS BY D.O.T. REG. NOT REGULATED BY I.A.T.A.)

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>)	N.A.	
Ventilation	Local Exhaust N.A.	Special N.A.
	Mechanical (<i>General</i>) N.A.	Other N.A.

Protective Gloves COTTON OR RUBBER GLOVES	Eye Protection SAFETY GOGGLES
Other Protective Clothing or Equipment SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE WITHIN DIRECT ACCESS.	
Work/Hygienic Practices AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.	