

Material Safety Data Sheet

ControHeat Thermal Cement, Grade 1

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 19.10.1200. 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
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IDENTITY (As Used on Label and List) 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	Emergency Telephone Number	(704) 644-5000
Address (Number, Street, City, State & ZIP Code)	Telephone Number for Information	(704) 644-5000
Controls Southeast, Inc.	Date Prepared	January 1, 2007
POB 7500, Charlotte, NC 28241	Signature of Preparer (optional)	

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
SODIUM SILICATE, SILICIC ACID, SODIUM SALT	N.A.	N.A.	N.A.	20-25%
TOSCA CAS REGISTRY NO. 1344-09-8				
NON-HAZARDOUS MATERIALS				
GRAPHITE POWDER, CLAY POWDER	N.A.	N.A.	N.A.	70-80%
TOSCA CAS REGISTRY NO:				
7782-42-5				
14808-60-7				
64743-05-1				
7704-34-9				

SECTION III - Physical/Chemical Characteristics (NOTE: MAXIMUM TEMPERATURE -- 750° F.)

Boiling Point	N.A.	Specific Gravity (H ² O=1)	N.A.
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
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		N/A
Incompatibility (Materials to Avoid)		GELS WHEN MIXED WITH ACID		
Hazardous Decomposition or Byproducts		N/A		
Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Never Occur	X		N/A

SECTION VI - Health Hazard Data

Route(s) of Entry:	Inhalation?		Skin?		Ingestion?		
		N.A.		X		N.A.	
Health Hazards (Acute and Chronic)		EYE CONTACT -CAUSES IRRITATION SKIN CONTACT-CAUSES IRRITATION					
Carcinogenicity:	N.A.	NTP?	N.A.	IARC Monographs?	N.A.	OSHA Regulated?	N.A.
Signs and Symptoms of Exposure		SKIN & EYE IRRITATION					
Medical Conditions Generally Aggravated by Exposure		N.A.					
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 AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL REGULATIONS
Precautions to Be Taken in Handling and Storing	N.A.
Other Precautions	N.A.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)	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		