



# Material Safety Data Sheet

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<b>Section I. Chemical Product and Company Identification</b>			
<b>Product Name/ Trade Name</b>	<b>VEEGUM® CER</b>		<b>Code</b> 71406
			<b>CAS#</b> Mixture
<b>Supplier</b>	R. T. VANDERBILT COMPANY, INC. 30 WINFIELD STREET NORWALK, CT 06855		<b>In case of Emergency</b> (203) 853-1400
			<b>Synonym</b> Hydrated magnesium aluminum silicate mineral
<b>Chemical Name</b>	Hectorite clay,cmc		<b>Protective Clothing</b> 
<b>Chemical Family</b>	Not available.		
<b>Manufacturer</b>	R. T. Vanderbilt Company, Inc. 30 Winfield Street Norwalk, CT 06855	<b>Material Uses</b>	Industrial.

<b>Section II. Composition and Information on Ingredients</b>			
Name	CAS #	% by Weight	TLV/PEL
1) hectorite clay	12173-47-6	72	
2) sodium carboxymethylcellulose	9004-32-4	28	
Total Product			TWA: 15 mg/m <sup>3</sup> total dust 5 mg/m <sup>3</sup> respirable dust (OSHA)  As particles not otherwise regulated (PNOR).

<b>Section III. Hazards Identification</b>	
<b>Emergency Overview</b>	Not an acute hazard. May cause mechanical eye or skin irritation in high concentrations. As with all mineral spills, minimize dusting during clean-up. Do not breathe dust. Prolonged inhalation may cause lung injury. Product can become slippery when wet.
<b>Target Organs</b>	Pulmonary System (chronic risk).

<b>Section IV. First Aid Measures</b>	
<b>Eye Contact</b>	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
<b>Skin Contact</b>	Wash off with water.
<b>Inhalation</b>	Allow the victim to rest in a well ventilated area.
<b>Ingestion</b>	Unlikely to be toxic by ingestion.

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**Section V. Fire and Explosion Data**

<b>Flammability of the Product</b>	Non-flammable.
<b>Auto-Ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	Not considered to be flammable according to our data base.
<b>Explosion Hazards in Presence of Various Substances</b>	None.
<b>Fire Fighting Media and Instructions</b>	Product will not burn, use appropriate extinguishing media for surrounding fires.
<b>Special Remarks on Fire Hazards</b>	Not available.
<b>Special Remarks on Explosion Hazards</b>	Not available.

**Section VI. Accidental Release Measures**

<b>Small Spill</b>	Use a vacuum to clean up spillage. If appropriate, use gentle water spray to wet down and minimize dust generation. Place in a sealed container. Material will become slippery when wet.
<b>Large Spill</b>	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Avoid excessive dust generation. Use respiratory protection in high dust condition.

**Section VII. Handling and Storage**

<b>Handling and Storage Procedures</b>	Avoid generating dust. Use respiratory protection in the absence of adequate engineering controls. Keep containers closed when not in use. Clean up spills promptly (see spill procedure).
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**Section VIII. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.  If local exhaust ventilation is used, a capture velocity of 150-200 fpm is recommended.
<b>Personal Protection</b>	Splash goggles. Dust respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. No special skin protection should be required. However, if irritation is experienced, use gloves and/or other skin covering.

**Section IX. Physical and Chemical Properties**

<b>Appearance</b>	White flakes
<b>Molecular Weight</b>	Not available.
<b>pH (1% soln/water)</b>	Not available.
<b>Melting/ Sublimation Point</b>	Not available.
<b>Specific Gravity</b>	2.6 (Water = 1)
<b>Volatility</b>	Non-volatile.
<b>Odor</b>	None.
<b>Solubility</b>	Insoluble in cold water.

**Section X. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Instability Temperature</b>	Not applicable.
<b>Conditions of Instability</b>	Not available.
<b>Incompatibility with Various Substances</b>	No incompatible product according to our data base.
<b>Corrosivity</b>	Not available.

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Ingestion. Inhalation.
<b>Acute Effects</b>	
<b>Eye contact</b>	Mildly irritating to the eyes (mechanical).
<b>Skin contact</b>	Possible mechanical skin irritant (moderate).
<b>Sensitization</b>	Not a sensitizer.
<b>Ingestion</b>	Not an ingestion hazard.
<b>Inhalation</b>	Inhalation of high concentrations may cause mechanical irritation and discomfort.
<b>Remark</b>	No additional remark.
<b>Chronic Effects</b>	<b>CARCINOGENIC EFFECTS:</b> Not available. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available.

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**Remarks**

Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

**Section XII. Ecological Information****Ecotoxicity**

None known.

**BOD5 and COD**

Not available.

**Products of Biodegradation**

None known.

**Toxicity of the Products of Biodegradation**

None known.

**Special Remarks on the Products of Biodegradation**

Not available.

**Section XIII. Disposal Considerations****Waste Information**

Not a RCRA hazardous waste. Dispose of in accordance to state or local regulations.

**Section XIV. Transport Information****DOT**

Not a DOT controlled material (United States).



Not applicable.

**Maritime Transportation**

Not available.

**Section XV. Other Regulatory Information and Pictograms****TSCA**

Listed.

**Other Regulations**

Not available.

**Other Classifications****Federal and State Regulations**

TSCA 8(b) inventory: VEEGUM® CER

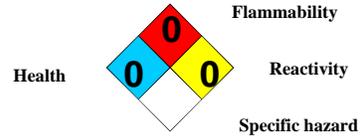
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**Hazardous Material Information System (U.S.A.)**

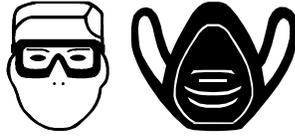
Health Hazard	* 0
Fire Hazard	0
Reactivity	0
Personal Protection	E

\* Chronic Potential

**National Fire Protection Association (U.S.A.)**



**Protective Clothing (Pictograms)**



**Section XVI. Other Information**

**References** Not available.

**Other Special Considerations** Not available.

Validated by Sue Kelly on 2/17/2000.

Verified by Sue Kelly.

Printed 2/17/2000.

**Information Contact** John Kelse (203) 853-1400 ext. 217  
Corporate Risk Management

**Notice to Reader**

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