




Distributed by:
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Material Safety Data Sheet

1. Product and company identification

Product name	VEEGUM® CER	Code	71406
Supplier/Manufacturer	R. T. Vanderbilt Company, Inc. 30 Winfield Street Norwalk, CT 06855	In case of emergency, call 203-853-1400 Chemtec: (800) 424-9300 Outside US: (703) 527-3887	
Synonym	Smectite clay	Protective clothing	
Chemical Name	Hydrated magnesium aluminum silicate mineral		
Material uses	Thickener/suspending agent		

2. Hazards identification

Emergency Overview	Not considered an acute health risk. Avoid excessive dust generation. May cause mechanical eye and skin irritation. Avoid breathing dust. Prolonged inhalation may cause lung injury. Physical form is unlikely to present dust risk under normal conditions of use. Product can become slippery when wet.
Routes of Entry	Ingestion. Inhalation.
Potential acute health effects	
Inhalation	Inhalation of high concentrations may cause mechanical irritation and discomfort. Repeated exposure may cause chronic effects.
Ingestion	Not an ingestion hazard.
Skin	Possible mechanical skin irritation. Not absorbed through skin. Possible granuloma formation in open wounds (requires repeated, massive applications).
Eyes	May cause mechanical irritation.
Remarks	No additional remark.
Potential chronic health effects	
Target organs	Pulmonary System (chronic risk).

See toxicological information (section 11)

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>	<u>TLV/PEL</u>
smectite clay	12199-37-0	72	
sodium carboxymethylcellulose	9004-32-4	28	
Total Product			TWA: 15 mg/m ³ total dust 5 mg/m ³ respirable dust (OSHA) As particles not otherwise regulated (PNOR).

4 . First aid measures

Eye contact	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Skin contact	Wash off with water.
Inhalation	Allow the victim to rest in a well ventilated area if high concentration is inhaled and mechanical irritation or discomfort occurs. Seek medical attention if irritation persists.
Ingestion	Unlikely to be toxic by ingestion.

5 . Fire-fighting measures

Flammability of the product	May be combustible at high temperature.
Flash point	Not applicable.
Auto-ignition temperature	Not applicable.
Flammable limits	Not applicable.
Hazardous combustion products	Not applicable.
Fire hazards in the presence of various substances	Not considered to be flammable. Product will not burn, use appropriate extinguishing media for surrounding fires.

6 . Accidental release measures

Small spill	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.
Large spill	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminant surface and dispose of according to local and regional authority requirements. Avoid excessive dust generation. Use respiratory protection in high dust condition.

7 . Handling and storage

Handling and storage	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). No special storage considerations. Handle in ways which minimize dust generation.
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8 . Exposure controls/personal protection

Engineering measures	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below established 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.
Personal protection	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.

9 . Physical and chemical properties

Physical state	Solid. [Flakes solid.]
Color	White.
Odor	None known.
Molecular weight	Not applicable.
pH	Not available.
Boiling/condensation point	Not available.
Melting/freezing point	Not available.
Specific gravity	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Volatility	Not available.
Evaporation rate	Not available.
Dispersibility properties	Not available.
Solubility	Insoluble in the following materials: cold water.

10 . Stability and reactivity

Stability	The product is stable.
Instability temperature	Not applicable.
Conditions of instability	Not available.
Incompatibility with various substances	No incompatible product according to our database.
Corrosivity	Not available.

11 . Toxicological information

Acute effects

See Hazards Identification (section 2)

Chronic effects

Carcinogenic effects	See summary below.
Mutagenic effects	None known.
Teratogenic effects	None known.
Developmental toxicity	None known.
Conclusion/Summary	Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

12 . Ecological information

Ecotoxicity	None known.
Products of biodegradation	None known.
Toxicity of the products of biodegradation	None known.
Special remarks on the products of biodegradation	Not available.

13 . Disposal considerations

Waste information

Not a US RCRA hazardous waste. Dispose of in accordance with state and local regulations.

14 . Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	Not available.	Not regulated.	Not available.	-		-
TDG Classification	Not available.	Not regulated.	Not available.	-		-
Mexico Classification	Not available.	Not regulated.	Not available.	-		-
ADR/RID Class	Not available.	Not regulated.	Not available.	-		-
IMDG Class	Not available.	Not regulated.	Not available.	-		-
IATA-DGR Class	Not available.	Not regulated.	Not available.	-		-

PG* : Packing group

15 . Regulatory information

United States

OSHA/HCS status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

U.S. Federal regulations

United States inventory (TSCA 8b): All components are listed or exempted.
SARA 302/304/311/312 hazardous chemicals: CELLULOSE, CARBOXYMETHYL ETHER, SODIUM SALT
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: CELLULOSE, CARBOXYMETHYL ETHER, SODIUM SALT: Delayed (chronic) health hazard

Ingredient name Cancer Reproductive No significant risk level Maximum acceptable dosage level

Canada inventory

All components are listed or exempted.

Europe inventory

All components are listed or exempted.

International lists

Australia inventory (AICS): All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Japan inventory: All components are listed or exempted.
Korea inventory: All components are listed or exempted.
New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.

16 . Other information

Other special considerations

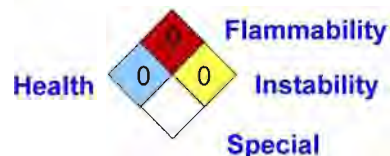
Not available.

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

Health	*	1
Flammability		0
Physical hazards		0
Personal protection		E

* Chronic Potential

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



The customer is responsible for determining the PPE code for this material.

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Information contact Corporate Risk Management
203-853-1400

☑ Indicates information that has changed from previously issued version.

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