



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** VOLCLAY® WB ADHESIVE  
**Version #** 09  
**Revision date** 24-February-2011  
**Chemical description** Paste  
**CAS #** Mixture  
**Manufacturer information** CETCO  
Building Materials Group  
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Hoffman Estates, IL 60192 US  
safety.data@amcol.com  
<http://www.cetco.com/>  
General Information (800) 527-9948  
CHEMTREC® (800) 424-9300

## 2. Hazards Identification

### Potential health effects

**Routes of exposure** Ingestion. Inhalation. Skin contact.

**Eyes** This product causes eye burns. Risk of serious damage to eyes. Symptoms include itching, burning, redness and tearing.

**Skin** Prolonged and/or repeated skin contact may result in mild irritation or redness. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

**Inhalation** High vapor concentrations are irritating to the eyes, nose, throat, and lungs. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

**Ingestion** Ingestion of this product may cause nausea, vomiting and diarrhea.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
RUBBER	9006-04-6	40 - 70

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists.

**Skin contact** Wash off with soap and water. Get medical attention if irritation develops or persists.

**Inhalation** Move to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.

**Ingestion** If material is ingested, immediately contact a physician or poison control center.

**General advice** If you feel unwell, seek medical advice (show the label where possible).

## 5. Fire Fighting Measures

**Flammable properties** None known.

**Extinguishing media**

**Suitable extinguishing media** CO2, dry chemical, dry sand, alcohol-resistant foam. Water may be an ineffective extinguishing medium.

**Protection of firefighters**

**Protective equipment for firefighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Fire fighting equipment/instructions** Move containers from fire area if you can do it without risk. Cool containers with flooding quantities of water until well after fire is out.

## 6. Accidental Release Measures

<b>Personal precautions</b>	Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Dike the spilled material, where this is possible.
<b>Methods for cleaning up</b>	Large Spills: Dike far ahead of liquid spill for later disposal. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

## 7. Handling and Storage

<b>Handling</b>	Use this product with adequate ventilation. Do not get this material in contact with skin or eyes.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep this material away from food, drink and animal feed. Keep out of the reach of children.

## 8. Exposure Controls / Personal Protection

### Occupational exposure limits

#### Canada - British Columbia

Components	Type	Value	Form
RUBBER (9006-04-6)	TWA	0.0010 mg/m3	Inhalable

#### Canada - Ontario

Components	Type	Value	Form
RUBBER (9006-04-6)	TWA	0.0010 mg/m3	Inhalable

<b>Engineering controls</b>	Good general ventilation should be sufficient to control airborne levels.
<b>Personal protective equipment</b>	
<b>Eye / face protection</b>	Wear safety glasses; chemical goggles (if splashing is possible).
<b>Skin protection</b>	Wear appropriate chemical resistant gloves. Use of protective coveralls and long sleeves is recommended.
<b>Respiratory protection</b>	No personal respiratory protective equipment normally required. A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Liquid.
<b>Color</b>	Grey.
<b>Odor</b>	Ammoniacal.
<b>Odor threshold</b>	Not available.
<b>Physical state</b>	Not available.
<b>Form</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/Freezing point</b>	Not available.
<b>Boiling point</b>	212 °F (100 °C)
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not available.
<b>Vapor pressure</b>	0.0224 atm
<b>Vapor density</b>	0.62
<b>Specific gravity</b>	0.98
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	100 %

<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Percent volatile</b>	45 % v/v

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	No hazards to be especially mentioned. Stable at normal conditions.
<b>Conditions to avoid</b>	None known.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Possibility of hazardous reactions</b>	Will not occur.

## 11. Toxicological Information

### Sensitization

#### US ACGIH Threshold Limit Values: Skin designation

RUBBER (CAS 9006-04-6)

Can be absorbed through the skin.

<b>Local effects</b>	Prolonged and/or repeated skin contact may result in mild irritation or redness. Repeated or prolonged inhalation may cause toxic effects. Concentration above the admissible concentration at the workplace may cause dizziness, headache and inebriation.
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## 12. Ecological Information

### Ecotoxicological data

#### Product

#### Test Results

VOLCLAY® WB ADHESIVE (Mixture)

LC50 Fish: 7500 mg/l 96.00 Hours estimated

<b>Ecotoxicity</b>	No data is available on the product itself. Components of this product have been identified as having potential environmental concerns. This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.
<b>Environmental effects</b>	No data available for this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and degradability</b>	Not available.

## 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
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## 14. Transport Information

### TDG

Not regulated as dangerous goods.

## 15. Regulatory Information

<b>Canadian regulations</b>	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.
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<b>WHMIS status</b>	Controlled
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<b>WHMIS classification</b>	D2B - Other Toxic Effects-TOXIC
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### WHMIS labeling



### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

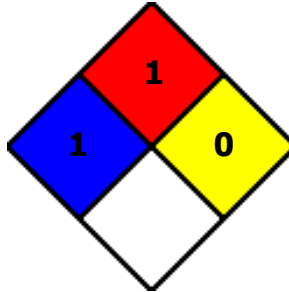
**Recommended restrictions** Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

**Further information** This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

### HMIS ratings



### NFPA ratings



### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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### Prepared by

EHS Department

### Issue date

24-February-2011

### This data sheet contains changes from the previous version in section(s):

Composition / Information on Ingredients: Composition comments