



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name VOLCLAY® WB ADHESIVE
Version # 06
Revision date 29-January-2009
Chemical description Paste
CAS # Mixture
Manufacturer CETCO
Building Materials Group
2870 Forbs Avenue
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
Non-hazardous and other components below reportable levels		40 - 70

Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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.

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

Explosion data

Sensitivity to mechanical impact Not available.

Sensitivity to static discharge Not available.

6. Accidental Release Measures

Personal precautions Ensure adequate ventilation. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions 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.

Methods for containment Stop leak if you can do so without risk. Dike the spilled material, where this is possible.

Methods for cleaning up 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

Handling Use this product with adequate ventilation. Do not get this material in contact with skin or eyes.

Storage 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

ACGIH

Components	Type	Value	Form
RUBBER (9006-04-6)	TWA	0.0001 mg/m3	Inhalable fraction.

Canada - British Columbia

Components	Type	Value	Form
RUBBER (9006-04-6)	TWA	0.001 mg/m3	Inhalable

Canada - Ontario

Components	Type	Value	Form
RUBBER (9006-04-6)	TWA	0.001 mg/m3	Inhalable

Engineering controls Good general ventilation should be sufficient to control airborne levels.

Personal protective equipment

Eye / face protection Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection Wear appropriate chemical resistant gloves. Use of protective coveralls and long sleeves is recommended.

Respiratory protection 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.

General hygiene considerations Use good industrial hygiene practices in handling this material. Wash hands before breaks and immediately after handling the product. Keep away from food, drink and animal feeding stuffs.

9. Physical & Chemical Properties

Appearance Liquid.

Color Grey.

Odor Ammoniacal.

Odor threshold Not available.

Physical state	Solid.
Form	Not available.
pH	Not available.
Melting point	Not available.
Freezing point	Not available.
Boiling point	212 °F (100 °C)
Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	0.0224 atm
Vapor density	0.62
Specific gravity	0.98
Relative density	Not available.
Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Percent volatile	45 % v/v

10. Chemical Stability & Reactivity Information

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

11. Toxicological Information

Sensitization

US ACGIH Threshold Limit Values: Skin designation

RUBBER (9006-04-6)

Can be absorbed through the skin.

Local effects

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.

12. Ecological Information

Ecotoxicological data

Product

Test Results

VOLCLAY® WB ADHESIVE (Mixture)

LC50 Fish: 7500 mg/l 96.00 Hours estimated

* Estimates for product may be based on additional component data not shown.

Ecotoxicity

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.

Environmental effects

No data available for this product. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and degradability

Not available.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations.

14. Transport Information

TDG

Not regulated as dangerous goods.

15. Regulatory Information

Canadian regulations 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.

WHMIS classification D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

WHMIS labeling



WHMIS status Controlled

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
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (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

Health: 1
Flammability: 1
Instability: 0

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.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue date

29-January-2009

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

Other Information: Disclaimer
Other Information: Other information
Other Information: Recommended restrictions

Other information

CETCO is an AMCOL International company.

Canadian preparer address

EHS Department
AMCOL International, Inc.
1500 W. Shure Drive
Suite 500
Arlington Heights, IL 60004
United States
(847) 506-6196
safetydata@amcol.com