



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name VOLCLAY® WB ADHESIVE
Version # 07
Revision date 10-Mar-2008
Chemical description Paste
CAS # Mixture
Manufacturer information CETCO
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General Information (800) 527-9948
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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 - 60

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 and precautions for firefighters

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

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

CAS

Type

Value

Form

RUBBER

9006-04-6

TWA

0.001 mg/m³

(inhalable fraction, as total proteins)

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

32 °F (0 °C) estimated

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

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.
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12. Ecological Information

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.
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14. Transport Information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations	OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.
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CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

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	No
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)

State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

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

HMIS ratings

HEALTH		/	1
FLAMMABILITY			1
PHYSICAL HAZARD			0
PERSONAL PROTECTION			

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. 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.

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Other information

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