



MATERIAL SAFETY DATA SHEET

Last Update: October, 2009

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Emergency Phone: CHEMTREC **800-424-9300** ANSI 2400.1 Format

Product Name: Wall Guardian Vapor Barrier Coating
 Item Number: CW-100
 Chemical Name: Asphalt, filler, polymer, and water mixture
 Comparable Products:
 Company Information: STS COATINGS, INC., Inc.
 347 Hwy 289
 Comfort, TX 78013
 Ph. 830-995-5177 Fax 830-995-5705

Prepared by: Cayce Kovacs

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS NO.</u>	<u>% by Weight</u>
Petroleum asphalt	8052-42-4	55 +/- 5
Vinylidene chloride/acrylate polymer	mixture	10 +/- 2
Emulsifier & stabilizer	mixture	2 +/- 0.5
Butyl Cellosolve	111-76-2	2 +/- 0.5
Water	7731-18-5	35 +/- 5

Note: The above components and their percentages are provided for health and safety purposes ONLY. This document should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

HMIG	
Health	1
Flammability	0
Reactivity	0
Protective Equipment	B

Appearance and odor: Dark brown, medium thin compound with a characteristic butyl cellosolve odor.

WARNING STATEMENTS: Harmful if swallowed. May cause eye and skin irritation

POTENTIAL HEALTH EFFECTS:

Likely routes of exposure:

EYE CONTACT: Conjunctivitis, irritation, tearing
 SKIN CONTACT: Irritation or inflammation. Allergic skin reactions may occur.
 INHALATION: Not expected to be an inhalation hazard.
 INGESTION: Considered unlikely.

Refer to Section 11 for toxicological information.

4. FIRST AID MEASURES

IF IN EYES: Immediately flush with large amounts of potable water. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

IF ON SKIN: Remove clothing and wash with soap and water.

IF INHALED: Not expected to be an inhalation hazard.

IF INGESTED: Do not induce vomiting – aspiration hazard. If spontaneous vomiting occurs, monitor for breathing difficulty. Get immediate medical attention.

¹ Hazard Ratings: least = 0 slight = 1 moderate = 2 high = 3 extreme = 4 Based upon NPCA guidelines

5. FIRE FIGHTING MEASURES

FLASH POINT: Water-based, not applicable. Will not burn until cured.
 HAZARDOUS PRODUCTS OF COMBUSTIONS: H₂S, CO, CO₂ and SOX
 EXTINGUISHING MEDIA: Foam CO₂ or dry chemical extinguishers
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Stable. Water may cause frothing

6. ACCIDENTAL RELEASE MEASURES

If your facility or operation has an "oil or hazardous substance contingency plan", activate the procedure. Take immediate steps to stop and contain the spill.
 Shut off all sources of ignition.
 Keep people away.
 Recover free product, add limestone, earth or other suitable absorbents.
 Minimize skin contact and avoid breathing vapors.
 Ventilate confined spaces.
 Keep product out of sewers and waterways by diking or impounding.
 Advise authorities if product has entered sewers, waterways or extensive land areas.
 Assure conformity with all applicable government regulations.
 Dispose of in an approved facility, see Section 13, Disposal Considerations.

7. HANDLING AND STORAGE

HANDLING: Wear protective clothing, gloves and OSHA approved eye protection. When not in use, securely replace lid on open containers.
 STORAGE: Store in a cool dry, place away from heat and corrosion sources.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: OSHA approved glasses, goggles or full face shield. Have eyebaths readily available. Do not wear contact lenses.
 SKIN PROTECTION: Wear impervious gloves and clothing to prevent skin contact.
 RESPIRATORY PROTECTION: Not applicable.
 VENTILATION: Maintain positive flow of fresh air.
 AIRBORNE EXPOSURE LIMITS:

	OSHA PEL	ACGIH TLV
Petroleum asphalt	No STEL recommended	5 mg/m ³
Butyl Cellosolve	Not established	25 ppm

Note: All pigments, fillers, fibers, and extenders in this product are totally encapsulated and do not pose a respirable dust hazard during installation and use of this product.
 Components referred to herein, may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

9. PHYSICAL AND CHEMICAL PROPERTIES

CHEMICAL FORMULA: Not applicable, mixture
 APPEARANCE: Dark brown, thick consistency
 ODOR: very mild characteristic butyl cellosolve odor
 PH: Approximately 6.0 – 8.0
 MELTING POINT (°F): Not Applicable.
 DENSITY (lb/gal): Greater than 8.4
 SOLUBILITY IN WATER: Insoluble but miscible with water

NOTE: These physical data are typical values based on material testing, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

STABILITY: Stable
 MATERIALS TO AVOID: Strong oxidizers
 HAZARDOUS DECOMPOSITION PRODUCTS: H₂S, CO, CO₂ and SOX
 HAZARDOUS POLYMERIZATION: None

11. TOXICOLOGICAL INFORMATION

Oral – rat LD50 (mg/kg):	no data available
Dermal – rabbit LD50 (mg/kg):	no data available
Eye irritation – rabbit:	no data available
Skin irritation – rabbit (24-hr exposure):	no data available

12. ECOLOGICAL INFORMATION

This product may cause adverse environmental effects if used improperly or released into the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

13. DISPOSAL CONSIDERATIONS

This product, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations. It could be designated as a hazardous waste according to state regulations. This product could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. If such contact occurs, consult 40 CFE, to determine whether it is a hazardous waste.

The transportation, storage, treatment and disposal of this waste must be conducted in accordance with all applicable federal, state and local regulations.

14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT:	Not classified as hazardous material under HM-181.
CANADIAN TDG:	Not determined.

15. REGULATORY INFORMATION

TSCA INVENTORY:	Not determined.
DSL INVENTORY:	Not determined.
WHMIS CLASSIFICATION:	Not determined.
SARA HAZARD NOTIFICATION:	
Hazardous Categories Under Title III Rules (40 CFR 370):	Not applicable
Section 302 Extremely Hazardous Substances:	Not applicable
Section 313 Toxic Chemical(s):	Not applicable

CERCLA REPORTABLE QUANTITY: Component % by weight

CA Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm.
Refer to Section 11 for OSHA/HPA Hazardous Chemical(s) and Section 13 for RCRA classification.

16. OTHER INFORMATION

This material has been defined as a hazardous chemical under the criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>Add'l Information</u>
Suggested NFPA ¹ Rating	1	1	0	
Suggested HMIS ¹ Rating	1	1	0	

The information and recommendations contained herein are to the best of STS COATINGS, INC.'S knowledge and belief, accurate and reliable as of the date issued. STS COATINGS, INC. Does not warrant or guarantee their accuracy or reliability, and STS COATINGS, INC. Shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the

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user's responsibility to make certain that it is relying up on the most recent, updated, information and recommendations available from STS COATINGS, INC.

The Environmental Information included as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings, have been included by STS COATINGS, INC. in order to provide additional health and hazard classification information. The ratings recommended are based up on the criteria supplied by the developers of these rating systems, together with STS COATINGS, INC.'s interpretation of the available data.

For Other Product Information Contact:

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