



MSDS Data

SM8001

CONSTRUCTION ADHESIVE Solvent Based

1. Chemical Product and Identification

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 01/29/09

Product ID: RD019009

HMIS Rating: Health: 2 Fire: 3 Reactivity: 0

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL
Hexane	110-54-3	14.2	50 ppm	50 ppm
Toluene	108-88-3	19.3	50 ppm	50 ppm
Petroleum Distillates	64742-89-8	2.1	400 ppm	400 ppm

3. Hazard Identification

Eye Contact

Direct contact may cause moderate irritation

Skin Contact

Limited exposure may cause moderate irritation

Inhalation

May cause irritation to upper respiratory tract.

Symptoms of Overexposure

May cause a mild acute skin irritation, irritation of respiratory tract.

Existing Condition Aggravated by Exposure

No known applicable information

Note

The above listed potential effects are based on actual data, results of studies performed upon similar Compositions, component data and/or expert review of the product. Please refer to section 11 for Detailed toxicology information.

4. First Aid Information

Eye Contact

Immediately flush with water for 15 minutes. Seek medical attention.

Skin Contact

Remove contaminated clothing and wash area thoroughly with soap and water. If irritation persists seek medical attention.

Inhalation

In case of exposure to vapor/mist/dust/fumes, remove to fresh air and administer oxygen and if necessary seek medical attention

Ingestion

Not likely a route of entry under proper handling conditions. Get immediate medical attention if Necessary. Only induce vomiting at the instructions of a physician. Never give anything by mouth To an unconscious person.

5. Fire Fighting Measures

Flash Point

-25.0°F

Auto-ignition Temperature

437°F

Flammability Limits in Air

Lower – 1.0%

Upper – 8.0%

Extinguishing Media

On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus. Water spray is recommended to cool or protect exposed materials or structures.

Unusual Fire or Explosion Hazards

Material is flammable and can be ignited by heat, sparks, flames or other sources of ignition. vapors may travel considerable distances to a source of ignition where they can ignite, flashback or explode. If container is not properly cooled, it can explode in the heat of a fire.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Oxides of carbon, water and organic compounds of unknown structure.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. Handling and Storage

Handling

Use adequate ventilation. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid breathing vapors, mist, dust or fumes. Keep container closed. Do not take internally.

Storage

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. Store in cool, dry place (50F – 90F). Keep away from excessive heat.

8. Exposure Controls and Personal Protection

Ventilation: Local and general ventilation are recommended.

Respiratory Protection: Use product in a well ventilated area. If vapors or mists are generated, wear NIOSH/MSHA approved organic vapor/mist respirator or use a NIOSH approved air supplied respirator in the absence of proper environmental control.

Eye Protection: Wear safety glasses with side shields as a minimum.

Skin Protection: Impervious gloves are suggested. Wash at mealtimes and end of shift.

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.1-1.2
Color/Appearance	Brown/Tan
Odor	Solvent odor
pH	Not Determined
Boiling /Cond. Point	149F
Melting/Freezing Point	Not Determined
Solubility	Not Determined
Evaporation Rate	Not Determined
VOC %	397 g/l
Percent Volatile	32-36%
Viscosity	Not Determined
Vapor Density	3.00
Vapor Pressure	(mmHg at 20c) – 125 mmHg@68F

10. Stability and Reactivity

Stability

Stable

Hazardous Polymerization

Will not occur

Conditions to Avoid

Open flame, sparks and sources of high heat

Materials to Avoid / Incompatibility

Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

11. Toxicological Information

Reproductive Toxicity

Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

Carcinogenicity

This product is not known to be a carcinogen.

Component Toxicology Information

Hexane – Acute

Ingestion of hexane can cause vomiting, stomach pain, and diarrhea. Hexane can irritate the skin and the eyes. Acutely, the most common toxic effects are central nervous system depression and chemical pneumonitis resulting from aspiration into the lungs following ingestion.

Hexane – Chronic

Dermal irritation and central nervous system depression accompanied by peripheral nervous system damage polyneuropathy are common traits of substained overexposure.

Toluene – Acute

Toluene is a central nervous system depressant and skin and mucous membrane irritant. Severe dermatitis may result from its drying and defatting action. Toluene is an aspiration hazard causing chemical pneumonitis.

Toluene – Chronic

Toluene can cause cardiac sensitization. It is toxic to the kidney, liver can cause effects on the blood system such as increased clotting time.

12. Ecological Information

Environmental Fate and Distribution

Complete information is not yet available

Environmental Effects

Complete information is not yet available

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available

13. Disposal Considerations

Waste Disposal Method

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations, but contains SARA regulated substances. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. Transportation Information

DOT Road Shipment Information

Hazard Class: (49CFR172.101-102)

Identification Number: UN1133

Packing Group: II

Proper Shipping Name: Consumer Commodity

Label: Adhesives containing a Flammable Liquid

15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR1910.1200.

TSCA Status

All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

SARA Title III Section 311 Toxic Chemicals

Hexane (110-54-3)

Toluene (108-88-3)

SARA Title III Section 312 Toxic Chemicals

Hexane (110-54-3)

Toluene (108-88-3)

SARA Title III Section 313 Toxic Chemicals

Hexane (110-54-3)

Toluene (108-88-3)

California Proposition 65

This product contains the following chemical listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:
Toluene (108-88-3)

16. Other Information

Disclaimer

The data contained herein is based upon information that Silchem Marketing Inc. believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.