

MATERIAL SAFETY DATA SHEET

Celvaseal Leak Sealant

FILE NO.: 128500-13

MSDS DATE:

Revised date: 11/10/06

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Celvaseal Leak Sealant
MANUFACTURER: Myers Vacuum Repair Services, Inc.
ADDRESS: 1155 Myers Lane, Kittanning, PA 16201 USA
Phone: 724-545-8331
Fax: 724-545-8332
EMERGENCY PHONE: 518-237-3330 (24 Hours)
CHEMICAL NAME: Methylphenylsiloxane Solution
CHEMICAL FAMILY: Silicon Resin Solution
CHEMICAL FORMULA: Silicon Resin in solvent(s)
PRODUCT USE: Vacuum Leak Sealant
PREPARED BY: David Casilio

HMIS

Flammability: 3 Reactivity: 0 Health: 2

NFPA

Flammability: 3 Reactivity: 0 Health: 2

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
A. HAZARDOUS				
Toluene	108-88-3	10-30	100	100 PPM
Isopropyl Alcohol	67-63-0	5-10	400	400 PPM
B. NONHAZARDOUS				
Dichlorodimethylsilane	28630-33-3	60-90	NA	NA
Polymer				

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Irritating to eyes, respiratory system and skin. Harmful by inhalation, in contact with skin and if swallowed. May cause adverse liver, kidney, and CNS effects. Flammable liquid and vapor. May cause adverse reproductive effects. May cause adverse cardiac effects.

Form: liquid

Color: Clear to Amber

Odor: aromatic

POTENTIAL HEALTH EFFECTS

INGESTION

Harmful if swallowed. May cause kidney damage. May cause pneumonitis as a result of aspiration. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May cause metallic taste in mouth. May also cause effects as listed under "Inhalation".

SKIN

Harmful if absorbed through the skin. May cause skin defatting with prolonged exposure. Skin contact may cause irritation. Repeated or prolonged exposure may cause dermatitis (inflammation and rash).

EYES

May cause eye burns. Irritation with redness, swelling, pain, and tearing.

MEDICAL CONDITIONS AGGRAVATED

Respiratory disorder Central nervous system disorders. Cardiovascular disorders. Pre-existing Liver or kidney disorders. Skin disorders.

SUBCHRONICS (TARGET ORGAN)

Respiratory disorder; Dermatitis; Reproductive hazard; Central nervous system damage.; Liver and kidney damage.; Bone marrow and hematopoietic (blood forming) system; Cardiovascular effects.

CHRONIC EFFECTS / CARCINOGENICITY

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE

Inhalation; dermal; Eyes; Oral.

OTHER

More severe effects if alcohol is consumed. Health hazards listed in this MSDS apply to the component toluene. The metabolism of other solvents may be inhibited resulting in a potentiation of toxic effects of those chemicals. Uptake is directly proportional to the amount of body fat. Blood levels may be cumulative when exposure is extended.

SECTION 4: FIRST AID MEASURES

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INGESTION

Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention.
Never give anything by mouth to an unconscious person.

SKIN

Wash off with soap and water. Remove and wash contaminated clothing before re-use.
Get medical attention if irritation persists.

INHALATION

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device.
If breathing is difficult give oxygen. Get medical attention.

EYES

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

NOTE TO PHYSICIAN

More severe effects if alcohol is consumed. Stimulants such as epinephrine may induce ventricular fibrillation. Aspiration may cause severe lung damage. Evacuate stomach in a way which avoids aspiration. Contains toluene. The metabolism of other solvents may be inhibited Resulting in a potentiation of toxic effects of those chemicals. Uptake is directly proportional to the amount of body fat. Blood levels may be cumulative when exposure is extended.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: F: 63° C: 17.7°

METHOD USED: Closed cup

IGNITION TEMPERATURE: UNKNOWN

FLAMMABLE LIMITS IN AIR - LOWER (%): Unknown

FLAMMABLE LIMITS IN AIR - UPPER (%): Unknown

SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is expected; material has a flash point below 200 F.

EXTINGUISHING MEDIA: All standard fire fighting media.

SPECIAL FIRE FIGHTING PROCEDURES: Flammable. Wear respiratory protection if in a confined area.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Wear proper protective equipment as specified in the protective equipment section. Warn other workers of spill. Increase area ventilation. Person not trained should evacuate area. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.

SECTION 7: HANDLING AND STORAGE

STORAGE:

Store in a cool place below 30°C (85°F). Keep container closed when not in use.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Use appropriate precautions for dispensing flammable liquids. Avoid contact with skin and eyes. Avoid accidental ingestion of this material. Wash hands and face before eating, drinking, smoking, using toilet facilities, or applying cosmetics. Avoid inhalation of vapour or mist. Attention: Not for injection into humans. Keep away from children. May generate formaldehyde at temperatures greater than 150°C (300°F). See Section 10 of MSDS for details.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Use in a well-ventilated area. Mechanical ventilation.

RESPIRATORY PROTECTION: Use approved NIOSH/MSHA respiratory protection if TLV is exceeded or overexposure is likely.

EYE PROTECTION: Safety glasses, monogoggles

SKIN PROTECTION: Rubber Gloves

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber apron

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to amber, Liquid

ODOR: Aromatic

BOILING POINT: N/A

VAPOR PRESSURE (mmHg): N/A

VAPOR DENSITY (AIR = 1): N/A

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: INSOLUABLE
PERCENT VOLATILE %BY VOL: 20
SPECIFIC GRAVITY (H₂O = 1): 1.14
EVAPORATION RATE: 1.5

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: May occur
INCOMPATIBILITY (MATERIAL TO AVOID): Contact with oxidizing agents. Reducing agents
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, carbon Dioxide, Formaldehyde.
CONDITIONS TO AVIOD: Keep away from heat, sparks and open flame. Avoid sources of ignition.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL: Remarks: Not applicable.
ACUTE DERMAL: Remarks: Not applicable.
ACUTE INHALATION: Remarks: Not applicable.
OTHER: None.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGY: no data available
CHEMICAL FATE: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Method

Disposal should be made in accordance with federal, state and local regulations. Incineration recommended in approved incinerator according to federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

SHIPPING NAME: Resin Solution
HAZARD CLASS: Flammable Liquid
ID NUMBER: UN 1866
LABEL STATEMENT: Flammable Liquid

SECTION 15: OTHER INFORMATION

OTHER

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.