

Safety Data Sheet

2008

Revision date: 2015/08/20

1. Identification

Product identifier used on the label

2008

Recommended use of the chemical and restriction on use:

Waterproofing/Concrete Masonry Sealer

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

Life Paint Company
12927 Sunshine Avenue
Santa Fe Springs, CA 90670

562-944-6391

Emergency telephone number

CHEMTREC: 1-800-424-9300

Other means of identification

Chemical family: Solvenated Acrylic

2. Hazards Identification

Label Elements

Pictogram:



Signal Word: Danger

Hazard Statement:

Flammable
Harmful if inhaled.
May cause an allergic skin reaction.
May cause respiratory irritation.
Causes serious eye irritation
May cause drowsiness or dizziness

Precautionary Statements (Prevention):

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Wear eye/face protection.
Wear protective gloves.
Use only outdoors or in a well-ventilated area.
Do not breathe dust/gas/mist/vapors.
Avoid release to the environment.
Contaminated work clothing should not be allowed out of the workplace.
Wash with plenty of water and soap thoroughly after handling
Keep away from heat, hot surfaces, open flames, sparks – No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof electrical, lighting, ventilating equipment
Use only non-sparking tools
Take Precautionary measures against static discharge

Precautionary Statements (Response):

If eye or skin irritation or rash occurs: Call a POISON CENTER or doctor/physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN (or hair): Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Take off contaminated clothing and wash before reuse.
In case of fire: Use dry chemical poser, alcohol-resistant foam, carbon dioxide (CO2) for extinction

Precautionary Statements (Storage):

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Keep cool

Precautionary Statements (Disposal):

Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No specific dangers known

According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Emergency overview

WARNING:

Use with local exhaust ventilation. Wear protective clothing.
Wear full face shield if splashing hazard exists.

3. Composition / Information on Ingredients

Components	CAS Number	Concentration (Weight)
Acrylic Polymer	Non-Hazardous	20-40 %
Acetone	67-64-1	25-50 %
4-CHLOROBENZOTRIFLUORIDE	98-56-6	10-30 %
Proprietary	Proprietary	< 25 %

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4. First-Aid Measures

Description of first aid measures

General advice:

Immediately remove contaminated clothing.

If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary. Immediate medical attention required.

If on skin:

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.

If swallowed:

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

Most important symptoms and effects, both acute and delayed:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote, administer corticosteroid dose aerosol to prevent pulmonary edema.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Preferable: Alcohol resistant foam. Water spray, CO2
Unsuitable extinguishing media: Solid water jet ineffective as extinguishing medium

Special hazards arising from the substance or mixture

Hazards during fire-fighting: harmful vapors
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Fire Hazard:

Highly flammable. Gas/vapor flammable with air within explosion limits. INDIRECT FIRE HAZARD. May be ignited by sparks. Gas/vapor spreads at floor level: ignition hazard. Reactions involving a fire hazard: see "Reactivity Hazard"

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Explosion Hazard:

DIRECT EXPLOSION HAZARD. Gas/vapor explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD. Heat may cause pressure rise in tanks/drums: explosion risk. May be ignited by sparks. Reactions with explosion hazards: see "Reactivity Hazard".

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Remove contaminated clothing immediately. Clean contaminated clothing. Handle uncleaned empty containers as full ones. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Do not use compressed air for pumping over. Use spark/explosion proof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Avoid prolonged and repeated contact with skin. Keep container tightly closed. Measure the concentration in the air regularly. Work under local exhaust/ventilation.

Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place away from heat sources, direct sunlight.

Storage stability:

Stable

Storage Temperature: 15 – 20 C

Storage Area:

Store in a cool area. Keep out of direct sunlight. Store in a dry area. Store in a dark area. Ventilation at floor level. Fireproof storeroom. Provide for an automatic sprinkler system. Provide for a tub to collect spills. Provide the tank with earthing. Meet the legal requirements.

Special rules on packaging:

SPECIAL REQUIREMENTS: closing with pressure relief valve. clean. opaque. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.

Packaging materials:

SUITABLE MATERIAL: steel. stainless steel. carbon steel. aluminum. iron. copper. nickel. bronze. glass.

MATERIAL TO AVOID: synthetic material

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8. Exposure Controls/Personal Protection

Engineering Measures

Provide readily accessible eye wash stations and safety showers.
Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator. Do not exceed the maximum use concentration for the respirator face piece/cartridge combination. For emergency or non-routine, high exposure situations, use a NIOSH-certified full face piece pressure demand self-contained breathing apparatus (SCBA) or a full face piece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment. Avoid inhalation of mists. Contact with eyes and skin must be avoided.

Occupational Exposure limit(s)

N/A

9. Physical and Chemical Properties

Form:	liquid
Odor:	Solvent-Like
Color:	Clear to yellow
pH value:	N/A
Melting point:	No data available
Boiling point:	56 °C
Flash point:	-18 °C
Flammability:	Highly flammable
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapor pressure:	< 0.03 hPa at 20 °C
Viscosity, Dynamic	500-1000 CPS
Solubility in Water	Slightly
Evaporation rate:	Not determined
Volatile Organic Compounds:	< 50 g/l (per AQMD)

10. Stability and Reactivity

Corrosion to metals:

Corrosion effect on metals are not anticipated

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Chemical Stability:

Stable under normal conditions.

Conditions to avoid:

Avoid contact with: Strong oxidizing agents. Avoid contact with acids. Avoid heat, flames and other sources of ignition

Materials to avoid:

Potassium sulphate, sodium hydroxide, sulphuric acid, nitric acid, hydrogen peroxide, chloroform, activated carbon, bromine.

Hazardous decomposition products:

No decomposition if used correctly

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Of moderate toxicity after short-term inhalation.

TOXIC DOSE - LD 50:

5800 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION:

Low order of acute toxicity.

HEALTH HAZARDS, GENERAL:

Vapor will irritate the membranes of nose, throat, lungs and eyes.

INGESTION:

Ingestion will cause gastric irritation and vomiting. Aspiration during swallowing or vomiting may severely damage the lungs.

ROUTE OF ENTRY:

Inhalation. Ingestion. Skin and/or eye contact.

TARGET ORGANS:

Central nervous system. Eyes. Respiratory system, lungs. Skin.

MEDICAL SYMPTOMS:

Symptoms may include irritation to eyes and mucous membranes, (inflammation of nasal mucous membranes), general respiratory distress and unproductive cough. Skin irritation, dryness of skin due to de-fatting. Inhalation of vapor may cause intoxication including drowsiness, disorientation and central nervous system depression.

MEDICAL CONSIDERATIONS:

Skin disorders and allergies

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12. Ecological Information

Toxicity

LC 50, 96 HRS, FISH mg/l:

8300 mg/l (96 hours)

ECOLOGICAL INFORMATION:

Prevent contamination of soil, drains or surface water, use appropriate containment method to avoid environmental contamination.

MOBILITY:

Soluble in water. Lost within short period through evaporation and dissolution.

BIO ACCUMULATION:

Not expected to bio-accumulate.

DEGRADABILITY:

Poses a significant risk of oxygen depletion in aquatic systems. Environmental half-life expected to be 1-<10 days. Readily biodegradable

13. Disposal Considerations

Dispose of in a licensed facility. Do not discharge into waterways or sewer systems without proper authorization.

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

Land transport

USDOT

Proper Shipping Name: PAINT RELATED MATERIAL (including paint thinning and reducing compound)

Hazard Class or Division: 3

UN/NA Number: 1263

Packaging Group: II

Hazard Label(s): Danger, Flammable Liquid

Hazard Placards(s): Flammable

Sea transport

IMDG

Proper Shipping Name: PAINT RELATED MATERIAL (including paint thinning and reducing compound)

Hazard Class or Division: 3

UN/NA Number: 1263

Packaging Group: II

Hazard Label(s): Danger, Flammable Liquid

Hazard Placards(s): Flammable

Air transport

IATA/ICAO

Proper Shipping Name: PAINT RELATED MATERIAL (including paint thinning and reducing compound)

Hazard Class or Division: 3

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UN/NA Number: 1263
Packaging Group: II
Hazard Label(s): Danger, Flammable Liquid
Hazard Placards(s): Flammable

15. Regulatory Information

Federal Regulations:

Chemical: TSCA, US - Released/Listed

Regulation	CAS Number	Chemical Name
EPCRA	75-56-9	Propylene oxide
CERCLA RQ	75-56-9	Propylene oxide

CA Prop 65: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

16. Other Information

NFPA Hazard Codes:

Health : 2
Fire : 3
Reactivity : 1
Special : 0

SDS Prepared by:

Life Paint Company

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of Life Paint Company Product Safety Program. It is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information obtained herein. Data sheets are available for all Life Paint Company products. You are urged to obtain data sheets for all Life Paint Company products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained therein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. Life Paint Company does not undertake to furnish advice on such matters.