

MATERIAL SAFETY DATA SHEET

Aim & Seal - Aerosol Grout Sealer

HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	G

1. Product And Company Identification

Supplier

CUSTOM BUILDING PRODUCTS
10400 Pioneer Blvd., Unit #3
Santa Fe Springs, CA 90670 UNITED STATES

Company Contact: GEORGE MARCINA
Telephone Number: (562) 968-2980 Ext 103
FAX Number: (562) 903-2697
E-Mail: georgem@cbpmail.net
Web Site: www.custombuildingproducts.com

Manufacturer

CUSTOM BUILDING PRODUCTS
10400 Pioneer Blvd., Unit #3
Santa Fe Springs, CA 90670 UNITED STATES

Company Contact: GEORGE MARCINA
Telephone Number: (562) 968-2980 Ext 103
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Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: (562) 968-2980

Manufacturer Emergency Contacts & Phone Number

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Issue Date: 05/01/2007

Product Name: Aim & Seal - Aerosol Grout Sealer
CAS Number: Not Established
Chemical Formula: MIXTURE
MSDS Number: 917
Product Code: AMI.503066

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
1.1.1.2, Tetrafluoroethane	811-97-2	5 - 15
Octyl triethoxy silane	35435-21-3	1 - 5

3. Hazards Identification

Primary Routes(s) Of Entry

SKIN, EYES, NOSE, INGESTION

Eye Hazards

May cause eye irritation. Sprayed into eyes may cause "frost like" effects.

Skin Hazards

May cause skin irritation. When sprayed on skin may cause "frost like" effects. Contains ingredient which may absorb through the skin.

Ingestion Hazards

May cause stomach irritation, pain and nausea.

Inhalation Hazards

Contains ingredients that may be harmful if inhaled. May cause respiratory tract irritation. May cause lung damage if inhaled as aerosol. Gross overexposure may cause central nervous system depression, dizziness, confusion, incoordination, drowsiness or even unconsciousness. May cause irregular heart beat, strange sensations in the

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3. Hazards Identification - Continued

Inhalation Hazards - Continued

chest, heart thumping, apprehensions, lightheadness, feeling of fainting, dizziness, weakness sometime progressing to loss of consciousness and become fatal.

Subchronic (Target Organ Effects)

Lungs and kidneys

Chronic/Carcinogenicity Effects

Long term, repeated high level overexposure may cause lung damage. Prolonged or repeated skin contact may cause absorption of harmful quantities.

Teratogenicity (Birth Defects)

Reproductive Effects

Persons with pre-existing disease of central nervous system and / or cardiovascular system may have increased susceptibility to the effect of tetrafluoroethane, a component of this product.

4. First Aid Measures

Eye

WASH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES WHILE FREQUENTLY LIFTING THE UPPER AND LOWER EYELIDS. CONTACT PHYSICIAN IMMEDIATELY.

Skin

REMOVE CONTAMINATED CLOTHING AND WASH SKIN USING SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS AFTER WASHING, CONTACT PHYSICIAN. MAY HAVE TO BE TREATED FOR FROSTBYTE BY GENTLY WARMING THE AFFECTED AREA.

Ingestion

IF CONSCIOUS, GIVE NO MORE THAN 2 GLASSES OF WATER TO DRINK, THEN INDUCE VOMITTING. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. SEEK IMMEDIATE MEDICAL ATTENTION.

Inhalation

MOVE THE EXPOSED PERSON TO FRESH AIR AT ONCE. IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION IMMEDIATELY.

Note To Physician

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be only used with special caution in situation of emergency life support.

5. Fire Fighting Measures

Flash Point: NONE °F

Fire And Explosion Hazards

Containers may rupture when heated. Although components are not flammable at atmospheric pressures and at temperatures up to 212 deg F, at higher temperatures and pressures and with high concentration of air, one of the components may become combustible in the presence of an ignition source.

Extinguishing Media

Foam, CO2, Dry Chemical.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear. Keep containers cool to prevent eruptions.

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5. Fire Fighting Measures - Continued

Fire Fighting Instructions - Continued

Decomposition products may contain CO₂, CO, SO₂, nitrogen oxides, hydrocarbons, halogenated compounds, formaldehyde

6. Accidental Release Measures

Ventilate the area. Dry spilled material. Dispose in accordance with Local, State and Federal regulations.

7. Handling And Storage

Handling And Storage Precautions

Store in cool and ventilated area. Protect from heat. Protect from freezing

Handling Precautions

Use with sufficient ventilation to keep exposure below recommended limits.

Storage Precautions

Although components are not flammable a atmospheric pressures and at temp up to 212 deg F, however, at higher temperatures and pressures and with high concentration of air, one of the components may become combustible in the presence of an ignition source. This product should not be kept in oxygen enriched atmosphere.

Work/Hygienic Practices

Use good house keeping practices and personal hygiene practices.

8. Exposure Controls/Personal Protection

Engineering Controls

USE VENTILATION TO ASSURE VAPOR LEVELS BELOW REQUIRED EXPOSURE LEVELS, PAY SPECIAL ATTENTION TO POORLY VENTILATED AREAS, TO CLOSED OR CONFINED SPACES. VAPORS ARE HEAVIER THAN AIR AND WILL CONCENTRATE CLOSE TO FLOORS.

IF SPRAYING, RESPIRATORY PROTECTION FOR EXPOSED PERSONNEL IS RECOMMENDED.

Eye/Face Protection

Safety goggles with side shield.

Skin Protection

Wear chemical resistant gloves.

Other/General Protection

It is essential to have adequate ventilation.

Ingredient(s) - Exposure Limits

1.1.1.2, Tetrafluoroethane

DuPont AEL - 1000 ppm 8 & 12 hr TWA

AIHA WEEL - 1000 ppm 8 hr TWA

If ventilation is not adequate wear proper NIOSH respirator. Propellant vapors are heavier than air and will concentrate near floors and in closed, difficult to ventilate areas.

When spraying, generating aerosol mist, wearing proper NIOSH approved purifier with universal multi-contaminant, multi-gas cartridges and at least P-99 solid /aerosol particulate filters is recommended to prevent overexposure to mists or vapors.

9. Physical And Chemical Properties

Appearance

Aerosol, mixture of liquefied gas as propellant and sealing solution.

Odor

Slight odor of ether.

Chemical Type: Mixture

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9. Physical And Chemical Properties - Continued

Odor - Continued

Physical State: Liquid

Melting Point: NA °F

Boiling Point: -16 F for propellant / 212 F for sealer - °F 86.7 °C

Specific Gravity: 1.25

Percent Volatiles: 90 - 95

Mixture of liquefied gas as propellant and water based sealant.

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR.

Conditions To Avoid (Stability)

Avoid high temperatures. Avoid open flames.

Incompatible Materials

Oxidizers, strong acids and alkali.

Hazardous Decomposition Products

Decomposition products may contain CO₂, CO, SO₂, nitrogen oxides, hydrocarbons, halogenated compounds, formaldehyde

11. Toxicological Information

Eye Effects

Short duration contact will cause irritation.

Skin Effects

Slight skin irritant.

Acute Inhalation Effects

Propellant.

ALC - 4 hours: 567,000 ppm., rat.

Single exposure caused lethargy, narcosis, increased respiratory activity. These effects were temporary. Single exposure closer to near lethal doses caused Pulmonary edema. Repeated exposure caused increased adrenals, liver, spleen weight, decreased uterine, prostate weight. Repeated exposure to higher levels caused tremors, incoordination.

Lowest Observed Adverse Effect Level for cardiac irritation - 75,000 ppm. Cardiac sensitization, a potentially fatal disturbance of heart rhythm associated with a heightened sensitivity to the action of epinephrine.

Subchronic (Target Organ Effects)

Kidney. Lungs

Teratogenicity (Birth Defects)

Reproductive Effects

Animal data show slight fetotoxicity but only at levels producing toxic effects in the adult animal.

Miscellaneous Toxicological Information

Propellant: In two year inhalation study exposure to 50,000 ppm produced an increase in late occurring benign testicular tumors, testicular hyperplasia, and testicular weight.

Ingredient(s) - Toxicological Data

1.1.1.2, Tetrafluoroethane

Inhalation - 4 hour, ALC - 567,000 ppm, rat

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12. Ecological Information

Environmental Fate Information

13. Disposal Considerations

Dispose in accordance with Federal, State and Local regulations.

RCRA Information

Not considered RCRA waste.

14. Transport Information

Proper Shipping Name

ORM-D Aerosol, Non-flammable

Hazard Class

2.2

DOT Identification Number

UN1950

DOT Shipping Label

C2.2 - Non Flammable Gas

15. Regulatory Information

U.S. Regulatory Information

Contains components SARA 311/312 classifies as Acute and Chronic Hazard

16. Other Information

HMIS Rating

Health: 2

Fire: 1

Reactivity: 0

Personal Protection: G

Revision/Preparer Information

MSDS Preparer: GEORGE MARCINA

MSDS Preparer Phone Number: (562) 968-2980 ext 103

This MSDS Supersedes A Previous MSDS Dated: 04/04/2007

Disclaimer

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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