

MATERIAL SAFETY DATA SHEET

The Ruscoe Co.

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Date Prepared: 02/10/09

Date Printed: 03/26/09

MSDS Reference No.: R-69

1. Chemical Product and Company Identification

Material Identity

Product Name: Ruscoe Aluminum Permanent Sealer, Tube Grade, Low VOC, (APS-TG LV)

Product Number: 55926A

Generic ID: Nitrile Rubber Sealant

Company

The Ruscoe Company

485 Kenmore Blvd.

Akron, Ohio 44301

Telephone: 330-253-8148

Emergency Telephone: 800-424-9300

(Chemtrec – 24 hours/day)

Fax: 330-253-4453

2. Composition/Information on Ingredients

Ingredients	CAS Number	Weight %	----Exposure Limits----	
			ACGIH/TLV	OSHA/PEL
Acetone	67-64-1	24-33	750 ppm	750 ppm
t-Butyl Acetate	540-88-5	16-22	200 ppm	200 ppm
Synthetic Rubber	9003-18-3	14-18	N/A	N/A
Phenolic Resin	N/A	12-16	N/A	N/A
Ground Limestone	1317-65-3	5-7	N/A	N/A
Aluminum Powder	7429-90-5	3-5	N/A	N/A
Mineral Spirits	64742-88-7	1-3	100 ppm	100 ppm
Xylene	1330-20-7	1-3	100 ppm	150 ppm
Magnesium Silicate	14807-96-6	1-3	N/A	N/A

*** All ingredients in this product are listed in the T.S.C.A. inventory.

3. Physical Data

VOC Content: <90 g/liter

Boiling Range: 131 – 133 Deg F.

Evaporation Rate: 14.4 x n-Butyl Acetate

Volatiles vol %: 57-64 Wgt %: 51-60

Percent VOC: 4.0

Vapor Density: Heavier than air.

Liquid Density: Lighter than water.

Wgt per gallon: 8.0 pounds

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Specific Gravity: 0.96

Appearance: A Silver Colored Liquid with ketone & distinctive t-butyl acetate odor

4. Fire and Explosion Hazard Data

Flammability Class: IB Flash Point: 0 Deg F TCC LEL: 1.00% UEL: 7.60%

-Extinguishing Media:

Water Fog, Carbon Dioxide, Foam, Dry Chemical.

-Special Firefighting Procedures:

Do not enter confined fire space without proper protective equipment including NIOSH approved self contained breathing apparatus.

-Unusual Fire & Explosion Hazards:

Low flash solvent. Vapors may build up in poorly ventilated areas and be ignited, causing flash fires or explosions. Vapors are heavier than air and may travel along ground or floor to source of ignition, causing flash fires or explosions.

5. Health Hazard Data

-Permissible Exposure Level:

See Section 2.

-Effects of Overexposure:

Inhalation: Nose and throat irritation headache, nausea, loss of coordination, dizziness, unconsciousness, and even asphyxiation.

Skin Contact: May cause irritation and/or dermatitis.

Eye Contact: May cause irritation, or corneal clouding.

Ingestion: Aspiration into lungs may cause chemical pneumonitis.

Chronic Effects of Over Exposure: May cause defatting and dermatitis. May cause kidney, liver, and lung damage.

Notice: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Over-exposure has been suggested as a cause of the following effects: Liver abnormalities, kidney damage, central nervous system damage.

Medical Conditions Aggravated by Exposure: None Known.

-First Aid:

Inhalation: Remove to fresh air; if not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen, call a physician at once.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash affected area with plenty of soap and water.

Eye contact: Flush with plenty of water for at least 15 minutes. (hold eye lids open) Longer if there is indication of residual material in eye.

Ingestion: Do not induce vomiting. Call a physician immediately.

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6. Reactivity Data

Stability: () Unstable (x) Stable

Hazardous Polymerization: () May occur (x) Will not occur

-Incompatibility:

Strong oxidizing agents

-Hazardous Decomposition Products:

Carbon dioxide, carbon monoxide, smoke, and others.

7. Spill or Leak Procedures

-Steps to be Taken in Case Material is Released or Spilled:

Eliminate all ignition sources, provide adequate ventilation, avoid breathing vapors, avoid eye and skin contact. Wipe up with rags, paper or other absorbent. Place in suitable closed containers for disposal.

-Waste Disposal Method:

This material if discarded, is hazardous and must be properly stored, transported, and disposed of in accordance with applicable local, state, and federal regulations.

8. Special Protection Information

-Respiratory Protection:

For air contaminants above TLV or permissible limits use NIOSH approved respirator for organic vapors.

-Ventilation:

Local exhaust to keep vapors below TLV or permissible limits.

-Protective Gloves:

Impervious.

-Eye Protection:

Chemical goggles.

-Other Protective Equipment:

Eye wash and safety shower.

9. Special Precautions

-Precautions to be Taken in Handling and Storing:

Use only in a well-ventilated area. Eliminate all sources of ignition such as sparks, flames, and non-explosion proof devices. Avoid prolonged or repeated skin contact or breathing of vapors. For industrial use only, keep out of reach of children. Store in tightly closed containers, in a cool dry place, away from all sources of ignition and heat. Large containers should be grounded and interconnected to prevent static buildup during transfer operations. Empty containers of this material may be hazardous since they may contain residual liquid, vapors or dust.

-Other Precautions:

In addition to any listed precautions, you should consult your occupational safety and health specialist to insure that the handling procedures will be adequate and in compliance with applicable laws and regulations.

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10. Additional Regulatory Information

-SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
67-64-1	Acetone	<33.
540-88-5	t-Butyl Acetate	<24
1330-20-7	Xylene	<3.

-Prop 65 (Carcinogen):

Warning: This product contains a chemical known to the state of California to cause cancer.

CAS#	Chemical Name

Product may contain trace amounts of California Proposition 65 listed chemicals.

-Prop 65 (Teratogen):

Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS#	Chemical Name

None

-Prop 65 (Both Carcinogen and Teratogen):

Warning: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS#	Chemical Name

None

Disclaimer of Liability: The information contained herein is based on data taken from sources believed to be both current and reliable at the time of publication. The Ruscoe Company, however, makes no warranties express or implied, as to its accuracy and assumes no liability arising from its use by others. Compliance with all applicable federal, state and local laws and regulations remains the responsibility of the users.

End of MSDS