

Safety Data Sheet

1. Product and Company Identification

Product Name: AVM Primer 580-SB LV

Product Use: Primer for porous surfaces.
Uses Advised Against: None known

Manufacturer: AVM Industries, Inc.
8245 Remmet Ave, Canoga Park CA 91304-4133
www.avmindustries.com

Information Phone Number: (818) 888-0050
Emergency Phone Number: Chemtrec 800-424-9300

SDS Date of Preparation: February 21, 2023

2. Hazards Identification

GHS Classification:

Physical:	Health:
Flammable Liquid Category 2	Eye Irritation Category 2A Specific Target Organ Toxicity Single Exposure Category 3 (Narcotic Effects)

GHS Label Elements:

Danger!

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.



P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground or bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating, and lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing mists or vapors.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER or doctor if you feel unwell.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.
P370+P378 In case of fire: Use water fog or spray, foam, carbon dioxide or dry chemical to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local and national regulations.

Hazards not otherwise specified: None

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3. Composition/Information on Ingredients

Component	CAS No.	Amount
Methyl acetate	79-20-9	25-50%
tert-Butyl Acetate	540-88-5	10-25%
Cadmium	7440-43-9	<=0.001%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Flush skin thoroughly with water for several minutes. Get medical attention if irritation persists. Launder clothing before re-use.

Eye Contact: Immediately flush eyes thoroughly with large quantities of water for 15 minutes, while holding the eye lids open to be sure the material is washed out. Remove contact lenses if present and easy to do. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Keep the victim calm and warm. Get medical attention if symptoms develop.

Most Important Symptoms: Causes eye irritation. Inhalation of mists or vapors may cause headache, dizziness, nausea and other symptoms of central nervous system depression. Ingestion may cause abdominal discomfort or pain, nausea, vomiting, drowsiness, and central nervous system effects.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is generally not required.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use water fog or spray, foam, carbon dioxide or dry chemical.

Specific Hazards Arising from the Chemical: Highly flammable liquid and vapor. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Vapors may form explosive mixtures with air in confined areas. Vapors may cause flash fire. Thermal decomposition will generate oxides of carbon and toxic and irritating smoke and gases.

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water.

6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate spill area and keep unprotected personnel away. Eliminate all sources of ignition. Use non-sparking tools and equipment. Ventilate area with explosion proof equipment. Wear appropriate protective clothing and equipment.

Methods and Materials for Containment and Clean-Up: Cover with an inert absorbent material and collect into an appropriate container for disposal. Use with non-sparking tools and explosion proof equipment.

Environmental Precautions: Prevent entry into storm sewers and waterways. Report spill as required by local and national regulations.

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7. Handling and Storage

Precautions for Safe Handling: Avoid breathing mists or vapors. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Always eye protection when handling this material. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Keep containers closed when not in use. Use with non-sparking tools and explosion proof equipment. Electrically bond and ground containers for transfer.

Do not pressurize, cut, weld, braze, solder, drill, grind on or near containers or expose containers to heat or sources of ignition.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well ventilated location away from heat, direct sunlight, and sources of ignitions. Keep away from incompatible materials. Keep containers closed when not in use.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Methyl acetate	200 ppm TWA, 250 ppm STEL ACGIH TLV 200 ppm TWA OSHA PEL
tert-Butyl Acetate	200 ppm TWA OSHA PEL
Cadmium	0.01 mg/m ³ (total) 0.002 mg/m ³ (respirable) TWA ACGIH TLV 0.005 mg/m ³ TWA OSHA PEL

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits. Use explosion proof electrical equipment and wiring where required.

Personal Protective Equipment

Respiratory Protection: For operations where the exposure limits may be exceeded, a NIOSH approved organic vapor/particulate or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134, all applicable laws and regulations; and good industrial hygiene practice.

Gloves: Impervious gloves are recommended to avoid skin contact.

Eye Protection: Chemical safety goggles are recommended.

Other Protective Equipment/Clothing: Wear appropriate protective clothing as needed to minimize skin contact.

9. Physical and Chemical Properties

Appearance and Odor: Red liquid with a solvent odor.

Physical State: Liquid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: Not determined
Initial Boiling Point/Range: 134.6°F (57°C) (methyl acetate)	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: >1 (air=1)
Solubility In Water: Insoluble	Percent Volatile: >35%
Viscosity: 400 mPa.s (room temperature)	Evaporation Rate: Not determined
Relative Density: 0.97	VOC Content: 0 g/L (according to EPA rules) / 240 g/L (according to SCAQMD rules)
Coefficient Of Water/Oil Distribution: Not determined	Autoignition Temp: Not determined
Flash Point: 14°F (-10°C)	Flammability (solid, gas): Not applicable

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Flammability Limits: No data available	Decomposition Temperature: Not available
Particle Characteristics: Not applicable	

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: Hazardous reactions will not occur under normal conditions of storage and use.

Conditions to Avoid: Keep away from heat, sparks, flames and other sources of ignition.

Incompatible Materials: Strong oxidizing agents, strong acids, strong bases, potassium tert-butoxide.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, acetic acid, tert-butanol and methanol.

11. Toxicological Information

Potential Health Effects:

Acute Hazards:

Inhalation: Inhalation of mists or vapors may cause nose and throat irritation with the possibility of central nervous system depression. Symptoms of central nervous system depression include headache, dizziness, drowsiness, nausea and unconsciousness.

Skin Contact: May cause mild skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Swallowing may cause gastrointestinal irritation and central nervous system depression with symptoms similar to those described under inhalation.

Chronic Effects: None known

Carcinogenicity Listing: Cadmium is classified by IARC and NTP as a known human carcinogen. None of the other components above 0.1% are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: Not classified.

Germ Cell Mutagenicity: Not classified.

Numerical Measures of Toxicity:

Methyl acetate	LD50 Oral Rat: 6482 mg/kg
	LD50 Skin Rat: >2,000 mg/kg
	LC50 Inhalation Rat: >49.2 mg/L/4 hr

tert-Butyl Acetate	LD50 Oral Rat: 4500 mg/kg
	LD50 Skin Rabbit: >2000 mg/kg
	LC50 Inhalation Rat: 4211 ppm/6 hr

12. Ecological Information

Ecotoxicity:

Methyl acetate: LC50 brachiiodanio rerio 250 mg/L/ 96 hr. EC50 daphnia magna 1026 mg/L/48 hr. EC50 algae >120 mg/L/96 hr

tert-Butyl Acetate: LC50 rainbow trout 240 mg/L/ 96 hr. EC50 daphnia magna 350 mg/L/48 hr. EC50 64 mg/L/96hr

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This product is expected to be toxic to the aquatic environment with long-term adverse effects. Releases to the environment should be avoided.

Persistence and Degradability: No data available

Bio accumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

DOT Hazardous Materials Description: UN1133, Adhesives, 3, PG II

IMDG Dangerous Goods Description: UN1133, Adhesives, 3, PG II, Marine Pollutant

IATA Dangerous Goods Description: UN1133, Adhesives, 3, PG II

15. Regulatory Information


United States:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product has an RQ of 20,000 lbs (based on the RQ of tert-Butyl Acetate of 5,000 lbs present at 10-25%). Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None

California Proposition 65:  **WARNING:** This product can expose you to chemicals including Cadmium, which is known to the State of California to cause cancer, and toluene which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL INVENTORIES

Canada DSL: All the components are listed.

16. Other Information

DATE OF CURRENT REVISION: February 21, 2023

REVISION SUMMARY: New SDS

DATE OF PREVIOUS REVISION: -

This information is provided in good faith and is correct to the best of AVM Industries' knowledge as of the date hereof and is designed to assist our customers; however, AVM makes no representation as to its completeness or accuracy. This product is

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