

Safety Data Sheet

1. Product and Company Identification

Product Name: AVM Primer 580-SB-HV

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 20, 2023

2. Hazards Identification

GHS Classification:

Physical:	Health:
Flammable Liquid Category 2	Eye Irritation Category 2A Skin Irritation Category 2 Specific Target Organ Toxicity Single Exposure Category 3 (Narcotic Effects) Reproductive Toxicity Category 2 Carcinogen Category 2 Aspiration Toxicity Category 1

GHS Label Elements:

Danger!



H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.
H351 Suspected of causing cancer.
H361 Suspected of damaging the unborn child.

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. 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 face, hands and any exposed skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves, protective clothing, and eye protection.
P308+P313 IF exposed or concerned: Get medical attention.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P333+P313 If skin irritation occurs: Get medical attention.

Safety Data Sheet

P362+P364 Take off contaminated clothing and wash it before reuse.

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.

P301 +P310 IF SWALLOWED: Immediately call a Poison Center or doctor.

P331 DO NOT induce vomiting.

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

3. Composition/Information on Ingredients

Component	CAS No.	Amount
Naphtha (petroleum) hydrotreated light / Heptane	64742-49-0 / 426260-76-6 / 142-82-5	40-50%
Acetone	67-64-1	15-40%
Butanone (Methyl ethyl ketone)	78-93-3	0.5-1.5%
Toluene	108-88-3	0.1-<1%
4-Methylpentan-2-one (Methyl isobutyl ketone)	108-10-1	0.1-<1%

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. Keep the victim calm and warm. Get immediate medical attention.

Most Important Symptoms: Causes eye and skin 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. Aspiration into the lungs during swallowing or vomiting may cause serious lung damage and may be fatal. This product contains toluene which may cause reproductive harm. This product contains methyl isobutyl ketone, which is suspected of causing cancer.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention is required for ingestion.

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

Safety Data Sheet

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.

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 wear impervious gloves, chemical safety goggles and protective clothing 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
Naphtha (petroleum) hydrotreated light / Heptane	400 ppm TWA, 500 ppm STEL ACGIH TLV 500 ppm TWA OSHA PEL
Acetone	250 ppm TWA, 500 ppm STEL ACGIH TLV 1000 ppm TWA OSHA PEL
Butanone (Methyl ethyl ketone)	200 ppm TWA 300 ppm STEL ACGIH TLV 200 ppm TWA OSHA PEL
Toluene	20 ppm TWA ACGIH TLV 200 ppm TWA, 300 ppm Ceiling, 500 ppm 10-minute peak OSHA PEL
4-Methylpentan-2-one (Methyl isobutyl ketone)	20 ppm TWA 75 ppm STEL ACGIH TLV 100 ppm 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

Safety Data Sheet

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: Green liquid with a solvent odor.

Physical State: Liquid	Odor Threshold: Not determined
pH: Not applicable	Specific Gravity: Not determined
Initial Boiling Point/Range: 132.9°F (56.08°C) (Acetone)	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: >1 (air=1)
Solubility In Water: Insoluble	Percent Volatile: >50%
Viscosity: 250 mPa.s (room temperature)	Evaporation Rate: Not determined
Relative Density: 0.77	VOC Content: 500 g/L
Coefficient Of Water/Oil Distribution: Not determined	Autoignition Temp: Not determined
Flash Point: -9.4°F (-23°C)	Flammability (solid, gas): Not applicable
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: Causes moderate 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: Methyl isobutyl ketone is suspected of causing cancer. Toluene may cause damage to the nervous system and hearing through prolonged or repeated exposure and may cause adverse reproductive effects.

Safety Data Sheet

Carcinogenicity Listing: Methyl isobutyl ketone is listed by IARC as a suspected carcinogen (Group 2B) and Not Classifiable as a Confirmed Animal Carcinogen with Unknown Relevance to Humans (A3) by ACGIH. None of the other components above 0.1% are listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

Reproductive Toxicity: This product contains Toluene which is suspected to cause harm to the unborn child.

Germ Cell Mutagenicity: Components are not classified for germ cell mutagenicity.

Numerical Measures of Toxicity:

Naphtha (petroleum) hydrotreated light/ Heptane	LD50 Oral Rat: >5000 mg/kg LD50 Skin Rabbit: >2,000 mg/kg LC50 Inhalation Rat: >29.9 mg/L/4 hr
Acetone	LD50 Oral Rat: 5800 mg/kg LD50 Skin Rabbit: 7400 mg/kg LC50 Inhalation Rat: 76 mg/L/4 hr
Butanone (Methyl ethyl ketone)	LD50 Oral Rat: 2183 mg/kg LD50 Skin Rabbit: 8000 mg/kg
Toluene	LD50 Oral Rat: >5000 mg/kg LD50 Skin Rabbit: >5000 mg/kg LC50 Inhalation Rat: >20 mg/L/4hr
4-Methylpentan-2-one (Methyl isobutyl ketone)	LD50 Oral Rat: 2080 mg/kg LC50 Inhalation Rat: 8.2-16.4 mg/L/4hr LD50 Skin Rat: >2000 mg/kg

12. Ecological Information

Ecotoxicity:

Acetone: LC50 Fathead Minnow 5540 mg/L/ 96 hr. EC50 daphnia magna 12,600 mg/L/48 hr. EC50 marine algae >430 mg/L/96 hr.

Butanone: LC50 Fathead Minnow 3220 mg/L/ 96 hr. EC50 daphnia magna 5091 mg/L/48 hr. EC50 algae >500 mg/L/96 hr.

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 for product.

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

Safety Data Sheet

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 12.500 lbs (based on the RQ of Acetone of 5,000 lbs present at 15-40%). 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): Toluene 0.1-<1%, Methyl Isobutyl Ketone 0.1-<1%

California Proposition 65:  **WARNING:** This product can expose you to chemicals including methyl isobutyl ketone, 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 20, 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 intended for sale to mainly professional contractor. We require customers to satisfy themselves as to the suitability for their specific applications. Any use which AVM Industries customers or third parties make of this information, or any reliance on, or decisions made based upon it, are the responsibility of such customer or third party. AVM Industries disclaims responsibility for damages, or liability of any kind resulting from the use of this information. THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL AVM INDUSTRIES BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.