



Safety Data Sheet

**Section 1: Identification**

Trade Name: Polyvinyl Alcohol, copolymer  
Synonyms: Polyvinyl alcohol, PVA  
Company: Soapgoods Inc  
Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093  
Phone: (404) 924-9080  
E-Mail: wecare@soapgoods.com  
Emergency Phone: Chemtrec 1 800 424 9300

**Section 2: Hazard(s) Identification**

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.  
Combustible Dust  
GHS Label Elements  
Symbol(s)  
None needed according to classification criteria  
Signal Word  
Warning  
Hazard Statement(s)  
May form combustible dust concentrations in air  
Precautionary Statement(s)  
Prevention  
None needed according to classification criteria  
Response  
None needed according to classification criteria  
Storage  
None needed according to classification criteria  
Disposal  
Dispose of contents/container in accordance with local/regional/national/international regulations

**Section 3: Composition/Information on Ingredients**

Chemical Name	CAS No	% Content	
25213-24-5	Acetic acid ethenyl ester polymer with ethenol	> 91	

67-56-1	Methyl alcohol	< 0.9	
---------	----------------	-------	--

#### **Section 4: First-Aid Measures**

##### Description of Necessary Measures

Wash thoroughly after handling. Avoid breathing dust. Use only outdoors or in a well-ventilated area.

##### Inhalation

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

##### Skin

Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.

##### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Ingestion

If a large amount is swallowed, get medical attention.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

##### Most Important Symptoms/Effects

##### Acute

No information on significant adverse effects.

##### Delayed

No information on significant adverse effects.

#### **Section 5: Fire-Fighting Measures**

##### Extinguishing Media

##### Suitable Extinguishing Media

carbon dioxide, regular dry chemical, alcohol-resistant foam, water spray.

##### Unsuitable Extinguishing Media

Do not scatter spilled material with high-pressure water streams.

##### Special Hazards Arising from the Chemical

Combustible Dust. Dust/air mixtures may ignite or explode. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

##### Hazardous Combustion Products

oxides of carbon.

### Special Protective Equipment and Precautions for Firefighters

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

### Fire Fighting Measures

Avoid inhalation of material or combustion by-products. Move material from fire area if it can be done without risk. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low areas.

## **Section 6: Accidental Release Measures**

### Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with skin and eyes. Do not breathe dust. Keep unnecessary people away, isolate hazard area and deny entry. The mixture is slippery when wet.

### Methods and Materials for Containment and Cleaning Up

Avoid generation of dust. Collect spilled material in appropriate container for disposal. Dispose of contents/container in accordance with local/regional/national/international regulations.

### Environmental Precautions

Avoid generation of dust. Remove all sources of ignition. Ventilate affected area. Discharge into the environment must be avoided.

## **Section 7: Handling and Storage**

### Precautions for Safe Handling

Use methods to minimize dust. Minimize dust generation and accumulation. Use this material with adequate ventilation. Keep container tightly closed. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

### Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria

Store at room temperature. Store in original container. Stacking height must not exceed three pallets.

### Incompatible Materials

reactive metals, oxidizing agents, peroxides, perchlorates, nitrates.

## **Section 8: Exposure Controls/Personal Protection**

### Component Exposure Limits

Acetic acid ethenyl ester polymer with ethenol

25213-24-5

ACGIH:

10 mg/m<sup>3</sup> TWA inhalable particles,

recommended; 3 mg/m<sup>3</sup> TWA respirable particles, recommended (related to Particulates not otherwise

classified (PNOC))

OSHA (US): 15 mg/m<sup>3</sup> TWA total dust; 5 mg/m<sup>3</sup> TWA respirable fraction (related to Particulates not otherwise classified (PNOC))

15 mppcf TWA respirable fraction; 5 mg/m<sup>3</sup> TWA respirable fraction; 50 mppcf TWA total dust; 15 mg/m<sup>3</sup> TWA total dust (related to Particulates not otherwise classified (PNOC))

Methyl alcohol 67-56-1

ACGIH: 200 ppm TWA

250 ppm STEL

Skin - potential significant contribution to overall exposure by the cutaneous route

NIOSH: 200 ppm TWA; 260 mg/m<sup>3</sup> TWA  
250 ppm STEL; 325 mg/m<sup>3</sup> STEL

Potential for dermal absorption

6000 ppm IDLH

Europe: 200 ppm TWA; 260 mg/m<sup>3</sup> TWA

Possibility of significant uptake through the skin

OSHA (US): 200 ppm TWA; 260 mg/m<sup>3</sup> TWA

Mexico: 200 ppm TWA LMPE-PPT; 260 mg/m<sup>3</sup> TWA LMPE-PPT  
250 ppm STEL [LMPE-CT]; 310 mg/m<sup>3</sup> STEL [LMPE-CT]

Skin - potential for cutaneous absorption

Biological limit value

There are no biological limit values for any of this product's components.

Engineering Controls

Provide local exhaust ventilation system. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear safety glasses.

Skin Protection

Wear appropriate chemical resistant clothing.

Respiratory Protection

A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits.

## Section 9: Physical and Chemical Properties

Appearance	granular powder	Physical State	Solid
Odor	odorless	Color	white to off-white
Odor Threshold	Not available	pH	4.5 - 6.5 (conc. 4%)
Melting Point	230 - 240 °C	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Minimum Dust Cloud Ignition Temperature: 280°C
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Limit Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1) °C)	Not available	Specific Gravity (water=1)	1.27 - 1.31 (@ 20 °C)
Water Solubility	Soluble in hot water	Partition coefficient: noctanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Bulk Density	0.61 - 0.67 g.cm <sup>3</sup> at 20 °C hPa	Density	Not available

## Section 10: Stability and Reactivity

### Reactivity

No hazard expected.

### Chemical Stability

Stable under normal conditions of use.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid generating dust. Avoid contact with incompatible materials.

### Incompatible Materials

reactive metals, oxidizing agents, peroxides, perchlorates, nitrates.

### Hazardous decomposition products

oxides of carbon

## **Section 11: Toxicological Information**

Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

No information on significant adverse effects.

Eye Contact

No information on significant adverse effects.

Ingestion

No information on significant adverse effects.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Methyl alcohol (67-56-1)

Oral LD50 Rat 6200 mg/kg

Inhalation LC50 Rat 22500 ppm 8 h

Immediate Effects

No information on significant adverse effects.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

May cause mechanical irritation.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No hazard expected. See information on methanol.

Specific Target Organ Toxicity - Single Exposure

None known.

Specific Target Organ Toxicity - Repeated Exposure

None known.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

No data available.

## Section 12: Ecological Information

Component Analysis - Aquatic Toxicity

Acetic acid ethenyl ester polymer with ethenol	25213-24-5
Fish:	LC50 96 hours Lepomis macrochirus (Bluegill sunfish) 10 g/L; LC50 96 hours Pimephales promelas (Fathead minnow) 40 g/L
Invertebrate:	EC50 48 hours Daphnia magna 8300 mg/L
Methyl alcohol	67-56-1
Fish:	LC50 96 h Pimephales promelas 28200 mg/L [flow-through]; LC50 96 h Pimephales promelas >100 mg/L [static]; LC50 96 h Oncorhynchus mykiss 19500 - 20700 mg/L [flow-through]; LC50 96 h Oncorhynchus mykiss 18 - 20 mL/L [static]; LC50 96 h Lepomis macrochirus 13500 - 17600 mg/L [flow-through]

Bioaccumulative Potential

Low.

Biodegradation

90%

Chemical Oxygen Demand (COD)

Ca. 1700 mgO<sub>2</sub>/g

## Section 13: Disposal Considerations

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations. Product is not an EPA hazardous waste.

## Section 14: Transport Information

US DOT Information:

UN/NA #: Not Regulated

TDG Information:

UN#: Not Regulated

IATA Information:

No Classification assigned.

## Section 15: Regulatory Information

### U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Methyl alcohol            67-56-1  
SARA 313:                1 % de minimis concentration  
CERCLA:                5000 lb final RQ; 2270 kg final RQ

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactivity: No

### U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Methyl alcohol	67-56-1	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

Methyl alcohol            67-56-1  
Repro/Dev. Tox            developmental toxicity , 3/16/2012

### Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Methyl alcohol            67-56-1  
                                  1 %

### WHMIS Classification



D2B

Component Analysis - Inventory

Acetic acid ethenyl ester polymer with ethenol (25213-24-5)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/K ECL	KR - TCCA	CN	NZ	MX
Yes	DSL	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes

Methyl alcohol (67-56-1)

US CA EU AU PH JP -ENCS JP -ISHL KR -KECI/KECL KR -TCCA CN NZ MX

### Section 16: Other Information

#### Disclaimer

Soapgoods it's affiliates and any other officers, directors or employees, agents, third-party content providers, merchants, sponsors, licensors or the like (now referred to as Soapgoods) cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge, and experience currently available. You expressly agree that your use of this MSDS is at your sole risk. Soapgoods expressly disclaims all express or implied warranties or merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages.

Do not use the ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a product specification sheet and/or a certificate of analysis.

All information appearing herein is based upon the data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Soapgoods makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Soapgoods control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

Review Date: September 2017