

### SECTION 1: Identification

#### 1.1. Product identifier

Product name : Polymarine PVC Adhesive 3001

#### 1.2. Recommended use and restrictions on use

Recommended use : Adhesive.

#### 1.3. Supplier

##### Supplier

Weaver Industries, Inc  
6570 W Boekel Rd  
Rathdrum, ID 83858  
T: (800) 367-4062 or (208) 687-3982  
F: (208) 687-0782

##### Distributor

Payne's Marine Group  
2120 Quadra St  
Victoria, BC V8T 4C5  
T (800) 663-7483

#### 1.4. Emergency telephone number

Emergency number : 1-800-457-4280

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-CA)

Flam. Liq. 2 H225  
Eye Irrit. 2A H319  
Repr. 2 H361  
STOT SE 3 H335

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-CA labelling

Hazard pictograms (GHS-CA) :



Signal word (GHS-CA) : Danger

Hazard statements (GHS-CA) : H225 - Highly flammable liquid and vapour.  
H319 - Causes serious eye irritation.  
H335 - May cause respiratory irritation.  
H361 - Suspected of damaging fertility or the unborn child.

Precautionary statements (GHS-CA) : 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/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take action to prevent static discharges.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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 advice/attention.  
P312 - Call a POISON CENTER or doctor if you feel unwell.  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

#### 2.3. Other hazards

No additional information available

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### 2.4. Unknown acute toxicity (GHS-CA)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%
Methyl ethyl ketone	(CAS-No.) 78-93-3	32.5
Acetone	(CAS-No.) 67-64-1	27

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- First-aid measures after skin contact : If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

### 5.2. Unsuitable extinguishing media

- Unsuitable extinguishing media : Do not use water jet.

### 5.3. Specific hazards arising from the hazardous product

- Fire hazard : Highly flammable liquid and vapour. Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

### 5.4. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

### 6.2. Methods and materials for containment and cleaning up

- For containment : Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.
- Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

### 6.3. Reference to other sections

- For further information refer to section 8: "Exposure controls/personal protection"

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. Use only outdoors or in a well-ventilated area. Proper grounding procedures to avoid static electricity should be followed. Use non-sparking tools.
- Hygiene measures : Wash contaminated clothing before reuse. Always wash hands after handling the product.
- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Proper grounding procedures to avoid static electricity should be followed.
- Storage conditions : Keep out of the reach of children. Keep container tightly closed in a cool, well-ventilated place. Store locked up.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Methyl ethyl ketone (78-93-3)		
USA - ACGIH	ACGIH TWA (ppm)	200 ppm
USA - ACGIH	ACGIH STEL (ppm)	300 ppm
Acetone (67-64-1)		
USA - ACGIH	ACGIH TWA (ppm)	250 ppm
USA - ACGIH	ACGIH STEL (ppm)	500 ppm

#### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

##### Hand protection:

Wear suitable gloves

##### Eye protection:

Wear eye/face protection

##### Skin and body protection:

Wear suitable protective clothing

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

##### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Coloured liquid
- Colour : Various
- Odour : Acetone
- Odour threshold : No data available
- pH : 7 - 8 (concentrated solution)
- Relative evaporation rate (butylacetate=1) : No data available
- Relative evaporation rate (ether=1) : No data available
- Melting point : No data available
- Freezing point : No data available
- Boiling point : 56 °C
- Flash point : -18 °C (closed cup)

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Auto-ignition temperature	: 515 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Highly flammable liquid and vapour.
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: 0.86 @ 20 °C
Solubility	: Insoluble in water
Partition coefficient n-octanol/water	: No data available
Viscosity, kinematic	: > 20.5 mm <sup>2</sup> /s
Explosive limits	: Lower explosive limit (LEL): 1.8 vol % Upper explosive limit (UEL): 13 vol %

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under normal conditions. May form flammable/explosive vapour-air mixture.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Sources of ignition. Heat. Incompatible materials. Direct sunlight.
Incompatible materials	: Strong oxidizing agents. Strong acids. Strong alkalis.
Hazardous decomposition products	: May include, and are not limited to: oxides of carbon. Oxides of nitrogen. May release flammable gases.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

#### Methyl ethyl ketone (78-93-3)

LD50 oral rat	2483 mg/kg
LD50 dermal rabbit	5000 mg/kg
LC50 inhalation rat	11700 ppm/4h

#### Acetone (67-64-1)

LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	> 15700 mg/kg
LC50 inhalation rat	50100 mg/m <sup>3</sup> (Exposure time: 8 h)

Skin corrosion/irritation	: Not classified. pH: 7 - 8 (concentrated solution)
Serious eye damage/irritation	: Causes serious eye irritation. pH: 7 - 8 (concentrated solution)
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: May cause respiratory irritation.
STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.

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Viscosity, kinematic (calculated value) (40 °C)	> 20.5 mm <sup>2</sup> /s
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Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

##### Methyl ethyl ketone (78-93-3)

LC50 fish 1	3130 - 3320 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	> 520 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 Daphnia 2	5091 mg/l (Exposure time: 48 h - Species: Daphnia magna)

##### Acetone (67-64-1)

LC50 fish 1	4.74 - 6.33 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC50 fish 2	6210 - 8120 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	10294 - 17704 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 Daphnia 2	12600 - 12700 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### 12.2. Persistence and degradability

##### Polymerine PVC Adhesive 3001

Persistence and degradability : Not established.

#### 12.3. Bioaccumulative potential

##### Polymerine PVC Adhesive 3001

Bioaccumulative potential : Not established.

##### Methyl ethyl ketone (78-93-3)

Partition coefficient n-octanol/water : 0.3

##### Acetone (67-64-1)

BCF fish 1 : 0.69  
Partition coefficient n-octanol/water : -0.24

#### 12.4. Mobility in soil

##### Methyl ethyl ketone (78-93-3)

Partition coefficient n-octanol/water : 0.3

##### Acetone (67-64-1)

Partition coefficient n-octanol/water : -0.24

#### 12.5. Other adverse effects

Ozone : Not classified.  
Other information : No other effects known.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Handle empty containers with care because residual vapours are flammable.

### SECTION 14: Transport information

#### 14.1. Basic shipping description

In accordance with TDG

##### Transportation of Dangerous Goods

UN-No. (TDG) : UN1133  
Packing group : II  
TDG Primary Hazard Classes : 3 - Class 3 - Flammable Liquids  
Transport document description : UN1133 ADHESIVES, 3, II  
Proper Shipping Name (Transportation of Dangerous Goods) : ADHESIVES

Hazard labels (TDG) :



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### 14.2. Transport information/DOT

No additional information available

### 14.3. Air and sea transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. National regulations

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

### 15.2. International regulations

No additional information available

## SECTION 16: Other information

Date of issue : 12/28/2017  
Revision date : 12/28/2017  
Other information : None.  
Prepared by : Nexreg Compliance Inc.  
[www.Nexreg.com](http://www.Nexreg.com)



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