



EVO MV

Revision: 07.02.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

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**1.1 Product identifier**

Trade name: EVO MV

**1.2 Relevant identified uses of the substance or mixture and uses advised against:** No further relevant information available.**1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:**

OSM Shield, LLC

97 Main Street Suite W-202

Edwards, CO 81632

Further information obtainable from: [www.osmshield.com](http://www.osmshield.com)**1.4 Emergency telephone number:**

OSM Shield (US): +19703908717

Chemtrec (for emergencies): 1-800-424-9300

Outside of US: 001-703-527-3887

**SECTION 2: Hazard identification**

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**2.1 GHS Classification****Eye Irritation** – Classification not possible**Skin Irritation** – Classification not possible**Acute Toxicity** – Classification not possible**Respiratory sensitization** – Classification not possible**Skin Sensitization** – Classification not possible**2.2 GHS Label Requirements****Symbol** - None**Signal word** - None**Hazard Statement(s)** – None**Precautionary Statement(s)** - None**SECTION 3: Information on ingredients**

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**Information on ingredients:****Water**

CAS# 7732-18-5

55-65%

**Acrylate copolymer**

CAS# Trade Secret

20-30%

**Tripropylene glycol**

CAS# 24800-44-0

5-15%

**Wax additive**

CAS# Trade Secret

0-10%



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**Isopropyl alcohol**

CAS# 67-63-0

&lt; 5%

**Others**

&lt; 5%

**SECTION 4: First aid measures**

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**4.1 Description of first aid measures****Ingestion:** Consult a physician immediately.**Eye Contact:** Flush with large amounts of water for 10-15 minutes. Consult a physician if needed.**Skin Contact:** Wash affected area with soap and water. Remove contaminated clothing and shoes.**Inhalation:** Leave the contaminated area and seek fresh air. If breathing is difficult, contact a physician.**SECTION 5: Firefighting measures**

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**5.1 Extinguishing media:**Alcohol foam, CO<sub>2</sub>, dry chemical or water spray.**5.2 Protective equipment:**

Use NIOSH/MSHA approved SCBA and bunker gear. Evolution of acidic gases may require complete wash down of protective clothing prior to removal.

**5.3 Hazardous combustion products:**

In case of fire or if processing at high temperatures, carbon dioxide, carbon monoxide, toxic gases or particles may be formed. These products may cause eye, nose, throat and lung irritation or toxic effects.

**SECTION 6: Accidental release measures**

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**Ensure cleanup is done only by trained personnel wearing appropriate personal protective equipment.****Ventilate area and cover with absorbent material.****Collect spilled material in a container and seal.****Spilled material is a slipping hazard.****SECTION 7: Handling and storage**

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**7.1 Handling:**

Follow safe industrial hygiene practices and wear proper protective equipment.

Use only in well ventilated areas.

Wash hands thoroughly after handling.

Wash clothing after use.

Avoid contact with skin or eyes.

Do not breathe vapor or spray.

Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

If smoking tobacco becomes contaminated by this material, exposure to toxic gases through inhalation can occur.



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*Therefore, do not smoke in the work areas and wash hands and face after handling in order to avoid transfer of material onto tobacco.*

**7.2 Storage:**

*Store material at 1 °C (34 °F) to 60 °C (140 °F).*

*Keep away from heat, sparks and open flame.*

*Store containers tightly closed when not in use.*

**SECTION 8: Exposure controls & personal protection**

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**8.1 Exposure limits:**

*No exposure limits available for the product.*

**8.2 Respiratory protection:**

*Use respirator suitable for protection when spraying this material. If material is heated above 200 °C, use a positive pressure air supplied respirator or SCBA.*

**8.3 Eye protection:**

*Safety glasses with side shields or goggles.*

**8.4 Protective clothing:**

*Chemical resistant gloves and protective clothing should be worn when handling this material.*

**8.5 Ventilation:**

*Use local exhaust ventilation if material is heated above 200 °C.*

**8.6 Other protective equipment:**

*Eyewash station and safety shower.*

**SECTION 9: Physical and chemical properties**

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**Appearance:** *Off white or pale yellowish liquid.*

**Odour:** *Slightly sweetish*

**Odour threshold:** *Not available*

**pH-value at 25 °C:** *2.5*

**Melting point:** *Not applicable*

**Freezing point:** *Approximately 0 °C*

**Initial boiling point and boiling range:** *Approximately 100 °C (water)*

**Flash point:** *Not available*

**Flammable limits:** *LEL – Not available*

**Evaporation rate (butyl acetate=1):** *No information available.*

**Vapor pressure:** *Not available*

**Vapor density:** *Not available*

**Specific gravity (H<sub>2</sub>O=1):** *Not available*

**Apparent density:** *Not available*

**Solubility(ies):** *Miscible in water*



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**Partition coefficient (n-octanol/water):** *Not available*

**Auto-ignition temperature:** *Not available*

**Decomposition temperature:** *Not available*

**Viscosity:** *Not available*

## SECTION 10: Stability & reactivity

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### 10.1 Stability:

*Stable.*

### 10.2 Conditions to avoid:

*Excessive heat, sparks, and open flames.*

### 10.3 Incompatibilities:

*May react with metals, such as sodium, magnesium, aluminum at elevated temperatures (above 425 °C).*

### 10.4 Hazardous polymerization:

*Should not occur.*

### 10.5 Hazardous decomposition:

*Avoid thermal decomposition, do not overheat.*

## SECTION 11: Toxicological information

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### 11.1 Acute effects of exposure:

**Ingestion:** *May be harmful if swallowed.*

**Eye contact:** *May cause mild irritation.*

**Skin contact:** *May cause mild irritation.*

**Inhalation:** *May cause respiratory irritation.*

### 11.2 Chronic effects of exposure:

*No data available.*

### 11.3 Acute toxicity:

*No data available.*

### 11.4 Skin corrosion/irritation:

*No data available.*

### 11.5 Serious eye damage/irritation:

*No data available.*



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**11.6 Respiratory or skin sensitization:**

*No data available.*

**11.7 Germ cell mutagenicity:**

*No data available.*

**11.8 Carcinogenicity:**

*None of the components in this material are listed by NTP, OSHA or IARC.*

**11.9 Reproductive toxicity:**

*No data available.*

**11.10 STOT-Single exposure:**

*No data available.*

**11.11 STOT-Repeated exposure:**

*No data available.*

**11.12 Aspiration hazard:**

*No applicable.*

## **SECTION 12: Ecological information**

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**12.1 Biodegradability:**

*No data.*

**12.2 Bioaccumulation:**

*No data.*

## **SECTION 13: Disposal considerations**

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Comply with Federal, State and Local regulations concerning health and environment when disposing of materials. Regulations may also apply to empty containers, liners, or rinsate.

## **SECTION 14: Transport information**

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**14.1 UN Classification:**

*Not applicable.*

**14.2 DOT hazard description:**

*Not applicable.*

**14.3 Canadian transportation of dangerous good (TDG):**

*Not applicable.*



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## SECTION 15: Regulatory information

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### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

*No further relevant information available.*

**Labelling according to Regulation (EC) No 1272/2008** *Not applicable*

**Hazard pictograms** *Not applicable*

**Signal word** *Not applicable*

**Hazard statements** *Not applicable*

### Directive 2012/18/EU

**Named dangerous substances - ANNEX I** *None of the ingredients is listed.*

**National regulations** *No further information available.*

**Other regulations, limitations and prohibitive regulations:** 1

### 15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

## SECTION 16: Other information

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*The product is for the industrial use only. We do not guarantee the safety in case the product is used for the other purposes. When using the product for health-care application or food/feed application, consult us in advance. This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

**Department issuing SDS:** EHS Department

**Contact:** [www.osmshield.com](http://www.osmshield.com)

### Abbreviations and acronyms:

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organisation*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)*

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*GHS: Globally Harmonised System of Classification and Labelling of Chemicals* *LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*