

## SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1272/2008 and Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878

### AEGIS® Pit Filler

Issuing Date 22-Mar-2023

Revision date 19-Aug-2024

Revision Number 23

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

### 1.1. Product Identifier

Product Name **AEGIS® Pit Filler**  
Other means of identification **LIQ2020 / LIQ2022**  
Unique Formula Identifier (UFI) **FN10-S0X4-J003-D783**  
Pure substance/mixture **Mixture**

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Adhesives and sealants.  
Uses advised against Consumer use.

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

AEGIS Tools International  
908 West Main St.  
Laurel, MT 59044  
Tel: +(1)-800-548-7341  
Fax: +(1)-406-628-8354

E-mail address [rachaelm@wpg.com](mailto:rachaelm@wpg.com)

### 1.4. Emergency telephone number (24 Hour Emergency)

Phone Number Chemtrec @ 001-703-741-5970

<b>Austria</b> +(43)-13649237	<b>Belgium</b> +(32)-28083237	<b>Bulgaria</b> +(359)-32570104
<b>Croatia</b> +(385)-17776920	<b>Czech Republic</b> +(420)-228880039	<b>Denmark</b> +(45)-69918573
<b>Estonia</b> +(372)-6681294	<b>Finland</b> +(358)-942419014	<b>France</b> +(33)-975181407
<b>Germany</b> 0800-181-7059	<b>Greece</b> +(30)-2111768478	<b>Hungary</b> +(36)-18088425
<b>Ireland</b> +(353)-19014670	<b>Italy</b> 800-789-767	<b>Latvia</b> +(371)-66165504
<b>Lithuania</b> +(370)-52140238	<b>Luxembourg</b> +(352)-20202416	<b>Netherlands</b> +(31)-858880596
<b>Norway</b> +(47)-21930678	<b>Poland</b> +(48)-223988029	<b>Portugal</b> +(351)-308801773
<b>Romania</b> (+40)-37-6300026	<b>Slovakia</b> +(423)-233057972	<b>Slovenia</b> +(386)-18888016
<b>Spain</b> 900-868538	<b>Sweden</b> +(46)-852503403	<b>United Kingdom</b> +(44)-870-8200418
<b>Israel</b> +(972)-37630639	<b>Russia</b> 8-800-100-6346	<b>Saudi Arabia</b> +(966)-8111095861
<b>Switzerland</b> +(41)-435082011	<b>Turkey</b> +(90)-212-7055340	<b>Ukraine</b> +(380)-947101374
<b>India</b> 000-800-100-7141	<b>Indonesia</b> 001-803-017-9114	<b>Malaysia</b> +(60)-327884561
<b>Singapore</b> +(65)-31581349	<b>Taiwan</b> 00801-14-8954	<b>Thailand</b> 001-800-13-203-9987

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Skin sensitisation	Category 1 - (H317)
Specific target organ toxicity — single exposure Category 3 - Respiratory irritation	Category 3 - (H335)

### 2.2. Label elements



#### Signal word

Danger

Contains 2-Hydroxyethyl methacrylate; Isobornyl Acrylate; Acrylic Acid; Silane, trimethoxy[3-(oxiranylmethoxy)propyl]

#### Hazard Statements

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

#### Precautionary Statements - EU (§28, 1272/2008)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

#### 2.3. Other Hazards

No information available.

#### Product Information

Testing for acute and chronic aquatic effects determined no environmental classification is required. OECD Test No. 202: Daphnia sp., Acute Immobilisation Test.

#### PBT and vPvB assessment

The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

#### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

Chemical name	CAS No.	EC No. (EU Index No.)	REACH registration number	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Isobornyl Acrylate	5888-33-5	(607-756-00-6) 227-561-6	01-2119957862-25 -0011	25-39	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317) STOT SE 3 (H335) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)
2-Hydroxyethyl methacrylate	868-77-9	(607-124-00-X) 212-782-2	01-2119490169-29 -0022	10-24	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Skin Sens. 1 (H317)
Acrylic Acid	79-10-7	(607-061-00-8) 201-177-9	-	3-<5	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1A (H314) Aquatic Acute 1 (H400) Flam. Liq. 3 (H226)
Silane, trimethoxy[3-(oxiranylmethoxy) propyl]-	2530-83-8	219-784-2	-	1-<3	Eye Dam. 1(H318) Aquatic Chronic 3 (H412)

Chemical name	CAS No.	(Specific Concentration Limit; SCL)	M-Factor	M-factor (long-term)
Acrylic Acid	79-10-7	STOT SE 3 :: C>=1%	-	-

### Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Isobornyl Acrylate	4890	3000			
2-Hydroxyethyl methacrylate	5050	3000			
Acrylic Acid	193	2000	3.6 2.775		
Silane, trimethoxy[3-(oxiranylmethoxy) propyl]-	7010	4247.9			

### Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## SECTION 4: First-aid measures

### 4.1. Description of first-aid measures

#### General advice

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air. Get medical attention immediately if symptoms occur. IF exposed or concerned: Get medical advice/attention.

**Eye contact**

Get immediate medical attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area.

**Skin contact**

Wash off immediately with soap and plenty of water for at least 15 minutes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor.

**Ingestion**

Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor.

**Self-protection of the first aider**

Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).

**4.2. Most important symptoms and effects, both acute and delayed****Symptoms**

Burning sensation. Itching. Rashes. Hives.

**4.3. Indication of any immediate medical attention and special treatment needed****Note to doctors:**

May cause sensitisation in susceptible persons. Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media**

Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture****Specific hazards arising from the chemical**

Product is or contains a sensitiser. May cause sensitisation by skin contact.

**5.3. Advice for firefighters****Special protective equipment and precautions for firefighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**SECTION 6: Accidental-release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information**

Refer to protective measures listed in Sections 7 and 8.

**For emergency responders**

Use personal protection recommended in Section 8.

**6.2. Environmental precautions****Environmental precautions**

Prevent further leakage or spillage if safe to do so.

**6.3. Methods and material for containment and cleaning up****Methods for containment**

Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections****Reference to other sections**

See section 8 for more information. See section 13 for more information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Take off contaminated clothing and wash it before reuse. Avoid breathing vapours or mists. Protect from light.

**General hygiene considerations**

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place. Protect from light.

**Storage class (TRGS 510)** LGK 10.

**7.3. Specific end use(s)****Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure Limits**

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Acrylic Acid 79-10-7	STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm TWA: 29 mg/m <sup>3</sup> TWA: 10 ppm	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL 20 ppm STEL 59 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 6.0 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup> D*	STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm TWA: 29 mg/m <sup>3</sup> TWA: 10 ppm	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>

Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Acrylic Acid 79-10-7	STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm TWA: 29 mg/m <sup>3</sup> TWA: 10 ppm	TWA: 30 mg/m <sup>3</sup> Ceiling: 60 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 5.9 mg/m <sup>3</sup> H* STEL: 20 ppm 1 minute STEL: 59 mg/m <sup>3</sup> 1 minute	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 2 ppm TWA: 6 mg/m <sup>3</sup> Ceiling: 15 ppm Ceiling: 45 mg/m <sup>3</sup>
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Isobornyl Acrylate 5888-33-5	No data available	No data available	skin sensitizer	No data available	No data available
2-Hydroxyethyl methacrylate 868-77-9	No data available	No data available	skin sensitizer	No data available	No data available
Acrylic Acid 79-10-7	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 30 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 30 mg/m <sup>3</sup> Peak: 10 ppm Peak: 30 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>
Chemical name	Ireland	Italy MDLPS	Italy AIDII	Latvia	Lithuania
2-Hydroxyethyl methacrylate 868-77-9	No data available	No data available	No data available	No data available	J+ TWA: 20 mg/m <sup>3</sup>
Acrylic Acid 79-10-7	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 29 ppm TWA: 10 mg/m <sup>3</sup> STEL: 59 ppm STEL: 20 mg/m <sup>3</sup> cute*	TWA: 2 ppm TWA: 6 mg/m <sup>3</sup> cute*	TWA: 5 mg/m <sup>3</sup> TWA: 1.7 ppm STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> Ceiling: 59 mg/m <sup>3</sup> Ceiling: 20 ppm
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
2-Hydroxyethyl methacrylate 868-77-9	No data available	No data available	No data available	TWA: 2 ppm TWA: 11 mg/m <sup>3</sup> A+ STEL: 4 ppm STEL: 16.5 mg/m <sup>3</sup>	No data available
Acrylic Acid 79-10-7	STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm TWA: 29 mg/m <sup>3</sup> TWA: 10 ppm	STEL: 20 ppm STEL: 59 mg/m <sup>3</sup> TWA: 10 ppm TWA: 29 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 202 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> A+ STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	STEL: 29.5 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> skóra*
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
Acrylic Acid 79-10-7	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 59 mg/m <sup>3</sup> STEL: 20 ppm Cutânea*	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> Ceiling: 59 mg/m <sup>3</sup>	TWA: 29 mg/m <sup>3</sup> TWA: 10 ppm STEL: 20 ppm STEL: 59 mg/m <sup>3</sup> K*	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup> vía dérmica*
Chemical name	Sweden	Switzerland	United Kingdom		
Isobornyl Acrylate 5888-33-5	No data available	S+	No data available		
2-Hydroxyethyl methacrylate 868-77-9	No data available	S+	No data available		
Acrylic Acid 79-10-7	NGV: 10 ppm NGV: 29 mg/m <sup>3</sup> Bindande KGV: 20 ppm Bindande KGV: 59 mg/m <sup>3</sup>	S+ TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 29 mg/m <sup>3</sup> STEL: 20 ppm STEL: 59 mg/m <sup>3</sup>		

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers**

Chemical name	Oral	Dermal	Inhalation
Isobornyl Acrylate 5888-33-5	-	1.39 mg/kg bw/day [4] [6]	4.9 mg/m <sup>3</sup> [4] [6]
2-Hydroxyethyl methacrylate 868-77-9	-	1.3 mg/kg bw/day [4] [6]	4.9 mg/m <sup>3</sup> [4] [6]

Chemical name	Oral	Dermal	Inhalation
Acrylic Acid 79-10-7	-	1 mg/cm <sup>2</sup> [5] [6] 1 mg/cm <sup>2</sup> [5] [7]	30 mg/m <sup>3</sup> [4] [6] 30 mg/m <sup>3</sup> [4] [7] 30 mg/m <sup>3</sup> [5] [6] 30 mg/m <sup>3</sup> [5] [7]
Methanone, (1-hydroxycyclohexyl)phenyl- 947-19-3	-	3 mg/kg bw/day [4] [6]	21.16 mg/m <sup>3</sup> [4] [6]

**Notes**

[4] Systemic health effects.

[5] Local health effects.

[6] Long term.

[7] Short term.

**Derived No Effect Level (DNEL) – General Public**

Chemical name	Oral	Dermal	Inhalation
Isobornyl Acrylate 5888-33-5	0.83 mg/kg bw/day [4] [6]	-	1.45 mg/m <sup>3</sup> [4] [6]
2-Hydroxyethyl methacrylate 868-77-9	0.83 mg/kg bw/day [4] [6]	-	2.9 mg/m <sup>3</sup> [4] [6]
Acrylic Acid 79-10-7	-	1 mg/cm <sup>2</sup> [5] [6] 1 mg/cm <sup>2</sup> [5] [7]	3.6 mg/m <sup>3</sup> [4] [6] 3.6 mg/m <sup>3</sup> [4] [7] 3.6 mg/m <sup>3</sup> [5] [6] 3.6 mg/m <sup>3</sup> [5] [7]
Methanone, (1-hydroxycyclohexyl)phenyl- 947-19-3	1.5 mg/kg bw/day [4] [6]	-	5.22 mg/m <sup>3</sup> [4] [6]

**Notes**

[4] Systemic health effects.

[5] Local health effects.

[6] Long term.

[7] Short term.

**Predicted No Effect Concentration (PNEC)**

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
2-Hydroxyethyl methacrylate 868-77-9	0.482 mg/L	1 mg/L	0.482 mg/L	1 mg/L	-
Acrylic Acid 79-10-7	0.003 mg/L	0.0013 mg/L	0.0003 mg/L	-	-
Methanone, (1-hydroxycyclohexyl)phenyl- 947-19-3	0.0144 mg/L	0.144 mg/L	0.00144 mg/L	-	-
Silane, trimethoxy[3-(oxiranylmeth oxy)propyl]- 2530-83-8	0.45 mg/L	0.45 mg/L	0.045 mg/L	-	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
2-Hydroxyethyl methacrylate 868-77-9	3.79 mg/kg sediment dw	3.79 mg/kg sediment dw	10 mg/L	0.476 mg/kg soil dw	-
Acrylic Acid 79-10-7	0.0236 mg/kg sediment dw	0.002346 mg/kg sediment dw	0.9 mg/L	1 mg/kg soil dw	0.03 g/kg food
Methanone, (1-hydroxycyclohexyl)phenyl- 947-19-3	0.186 mg/kg sediment dw	0.0186 mg/kg sediment dw	10 mg/L	0.0284 mg/kg soil dw	-
Silane, trimethoxy[3-(oxiranylmeth oxy)propyl]- 2530-83-8	1.6 mg/kg sediment dw	0.16 mg/kg sediment dw	8.2 mg/L	0.063 mg/kg soil dw	-

**8.2. Exposure controls****Engineering controls**

No information available.

**Personal protective equipment****Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Hand protection**

Wear suitable gloves. Nitrile rubber, Butyl rubber.

**Skin and body protection**

Wear suitable protective clothing. Long-sleeved clothing.

**Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations**

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

**Environmental exposure controls**

No information available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	Liquid
Appearance	Transparent
Colour	Colourless
Odour	Characteristic
Odour threshold	No information available

<b>Property</b>	<b>Values</b>	<b>Remarks · Method</b>
Melting point / freezing point:	No data available	None known
Boiling point / boiling range:	No data available	None known
Flammability (solid, gas):	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits:	No data available	
Lower flammability or explosive limits:	No data available	
Flash point:	101 °C	Pensky-Martens Closed Cup (PMCC)
Autoignition temperature:	No data available	None known
Decomposition temperature:		None known
pH:	No data available	None known
pH (as aqueous solution):	No data available	None known
Kinematic viscosity:	No data available	None known
Dynamic viscosity:	4,000 cP	None known
Water solubility:	Insoluble in water	None known
Solubility(ies):	No data available	None known
Partition coefficient:	No data available	None known
Vapour pressure:	No data available	None known
Relative density:	No data available	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapour density:	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	



## **9.2. Other information**

### **9.2.1. Information with regards to physical hazard classes**

Not applicable.

### **9.2.2. Other safety characteristics**

No information available.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

#### **Reactivity**

No information available.

### **10.2. Chemical stability**

#### **Stability**

Stable under normal conditions.

#### **Explosion data**

**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

### **10.3. Possibility of hazardous reactions**

#### **Possibility of hazardous reactions**

None under normal processing.

### **10.4. Conditions to avoid**

#### **Conditions to avoid**

None known based on information supplied.

### **10.5. Incompatible materials**

#### **Incompatible materials**

Strong acids. Strong bases. Strong oxidising agents.

### **10.6. Hazardous decomposition products**

#### **Hazardous decomposition products**

None known based on information supplied.

## **SECTION 11: Toxicological information**

### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

#### **Information on likely routes of exposure**

##### **Product Information**

###### **Inhalation**

Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.

###### **Eye contact**

Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.

###### **Skin contact**

Specific test data for the substance or mixture is not available. May cause sensitisation by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Causes skin irritation.

**Ingestion**

Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms**

Redness. Burning. May cause blindness. Itching. Rashes. Hives. May cause redness and tearing of the eyes.

**Acute toxicity****Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document:

ATEmix (oral)	5,073.00 mg/kg
ATEmix (dermal)	6,322.20 mg/kg
ATEmix (inhalation-vapour)	99,999.00 mg/l
ATEmix (inhalation-dust/mist)	56.10 mg/l

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Isobornyl Acrylate	= 4890 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	-
2-Hydroxyethyl methacrylate	= 5050 mg/kg ( Rat )	> 3000 mg/kg ( Rabbit )	-
Acrylic Acid	= 193 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 11.1 mg/L ( Rat ) 1 h = 3.6 mg/L ( Rat ) 4 h
Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-	= 7.01 g/kg ( Rat )	= 3.97 mL/kg ( Rabbit )	> 5.3 mg/L ( Rat ) 4 h

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

May cause skin irritation. Classification based on data available for ingredients. Causes skin irritation.

**Serious eye damage/eye irritation**

Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

**Respiratory or skin sensitisation**

May cause an allergic skin reaction.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

**Reproductive toxicity**

No information available.

**STOT - single exposure**

May cause respiratory irritation.

**STOT - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

**11.2. Information on other hazards****Endocrine disrupting properties**

No information available.

**11.2.2. Other information****Other adverse effects**

No information available.

**SECTION 12: Ecological information****12.1. Toxicity****Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Product Information**

Testing for acute and chronic aquatic effects determined no environmental classification is required. OECD Test No. 202: Daphnia sp., Acute Immobilisation Test.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isobornyl Acrylate	ErC 50 = 2.7 mg/L 96 h (Pseudokirchneriella subcapitata)	LC50: =0.704mg/L (96h, Danio rerio)	-	EC 50 = 1.1 mg/L 48 h (Daphnia magna)
2-Hydroxyethyl methacrylate	-	LC50: 213 - 242mg/L (96h, Pimephales promelas) LC50: =227mg/L (96h, Pimephales promelas)	-	EC50 > 380 mg/l 48 h (Daphnia magna)
Acrylic Acid	EC50: =0.04mg/L (72h, Desmodesmus subspicatus) EC50: =0.17mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =222mg/L (96h, Brachydanio rerio) NOEC: >= 10.1mg/L (45d, Oryzias latipes, OECD 210)	-	EC50: =95mg/L (48h, Daphnia magna) NOEC: =3.8mg/L (21d, Daphnia magna)
Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-	-	LC50: =55mg/L (96h Cyprinus carpio)	-	-

**12.2 Persistence and degradability****Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential****Bioaccumulation****Component Information:**

Chemical name	Partition coefficient
Isobornyl Acrylate	4.52
2-Hydroxyethyl methacrylate	0.42
Acrylic Acid	0.46

**12.4. Mobility in soil****Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment****PBT and vPvB assessment**

The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

Chemical name	PBT and vPvB assessment
Isobornyl Acrylate	The substance is not PBT / vPvB
2-Hydroxyethyl methacrylate	The substance is not PBT / vPvB
Acrylic Acid	The substance is not PBT / vPvB
Silane, trimethoxy[3-(oxiranylmethoxy)propyl]-	The substance is not PBT / vPvB

**12.6. Endocrine disrupting properties****Endocrine disrupting properties**

No information available.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from residues/unused products**

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**

Do not reuse empty containers.

**SECTION 14: Transport information****IATA**

14.1

14.2 Extended Proper Shipping Name

14.3

14.4 Packing group

Not regulated

14.5 Environmental hazards

No

14.6 Special precautions for user

**IMDG**

14.1

14.2 Extended Proper Shipping Name

Not regulated

14.3

14.4

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

14.7. Maritime transport in bulk

No information available

according to IMO instruments

**RID**

14.1 UN number or ID number

Not regulated

14.2 Extended Proper Shipping Name

Not regulated

14.3

14.4

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Special Provisions

None

**ADR**

14.1 UN number or ID number	Not regulated
14.2 Extended Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**ADN**

14.1 UN number or ID number	Not regulated
14.2 Extended Proper Shipping Name	Not regulated
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
2-Hydroxyethyl methacrylate - 868-77-9	RG 65

**Germany**

**Water hazard class (WGK):** obviously hazardous to water (WGK 2). Classification according to AwSV.

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorisations and/or restrictions on use:**

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization Per REACH Annex XIV
2-Hydroxyethyl methacrylate - 868-77-9	75.	-
Acrylic Acid - 79-10-7	75.	-

**Persistent Organic Pollutants**

Not applicable.

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable.

**International Inventories**

AIIC	Low Volume Exemption (LVE)
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Small Volume Exemption (SVE)
IECSC	Complies
KECL	Polymer of Low Concern (PLC)
NZIoC	Complies
PICCS	Not Listed
TCSI	Polymer of Low Concern (PLC) Low Volume Exemption (LVE)
TSCA	Complies

**Legend:**

<b>AIICS</b>	- Australian Industrial Chemicals Introduction Scheme
<b>DSL/NDL</b>	- Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	- Japan Existing and New Chemical Substances
<b>IECSC</b>	- China Inventory of Existing Chemical Substances
<b>KECL</b>	- Korean Existing and Evaluated Chemical Substances
<b>NZIoC</b>	- New Zealand Inventory of Chemicals
<b>PICCS</b>	- Philippines Inventory of Chemicals and Chemical Substances
<b>TCSI</b>	- Taiwan Chemical Substance Inventory
<b>TSCA</b>	- United States Toxic Substances Control Act Section 8(b) Inventory

**15.2. Chemical safety assessment****Chemical Safety Report**

No information available.

**SECTION 16: Other information****Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H226 - Flammable liquid and vapour.  
H302 - Harmful if swallowed.  
H312 - Harmful in contact with skin.  
H314 - Causes severe skin burns and eye damage.  
H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.  
H335 - May cause respiratory irritation.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.  
H412 - Harmful to aquatic life with long lasting effects.

**Legend**

SVHC: Substances of Very High Concern for Authorisation:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitisers		

<b>Classification procedure</b>	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method

**AEGIS® Pit Filler**

Issuing Date 22-Mar-2023

Revision date 19-Aug-2024

Revision number 23

STOT - repeated exposure	Calculation method
Acute aquatic toxicity	On basis of test data
Chronic aquatic toxicity	On basis of test data
Aspiration hazard	Calculation method
Ozone	Calculation method

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC)  
European Chemicals Agency (ECHA) (ECHA\_API)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
National Institute of Technology and Evaluation (NITE)  
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date**

19-Aug-2024

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006****Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**