

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Anti Graffiti Clear
 Product code : 9904

1.2. Recommended use and restrictions on use

1.3. Supplier

Polymeric US
 117 E. 14th Ave
 North Kansas City, MO 64116
 800-746-5567

1.4. Emergency telephone number

Emergency number : Chemtel - U.S., Canada, Puerto Rico, U.S. Virgin Islands 1-800-255-3924; International 813-248-0585

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Skin Irrit. 2 Causes skin irritation.
 Eye Irrit. 2 Causes serious eye irritation.
 Skin Sens. 1 May cause an allergic skin reaction.
 Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms
 (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye irritation.
 Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS US)

: Avoid breathing vapours, spray, mist.
 Wash hands, forearms and face thoroughly after handling.
 Contaminated work clothing must not be allowed out of the workplace.
 Avoid release to the environment.
 If on skin: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If skin irritation occurs: Get medical advice/attention.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Wash contaminated clothing before reuse.
 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 which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS-US classification |
|--|---------------------|---------|--|
| 1,6-hexanediol diacrylate (Note D) | (CAS No) 13048-33-4 | 30 – 50 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 3, H412 |
| trimethylolpropane triacrylate, stabilized (Note D) | (CAS No) 15625-89-5 | 15 – 30 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Carc. 2, H351 |
| Stabilizer | (CAS No) 48145-04-6 | 0.5 – 5 | Skin Sens. 1A, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 |

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

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

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

5.2. Specific hazards arising from the chemical

5.3. Special protective equipment and precautions for fire-fighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| |
|--|
| Anti Graffiti Clear |
| No additional information available |
| trimethylolpropane triacrylate, stabilized (15625-89-5) |
| No additional information available |
| 1,6-hexanediol diacrylate (13048-33-4) |
| No additional information available |
| Stabilizer (48145-04-6) |
| No additional information available |

8.2. Appropriate engineering controls

8.3. Individual protection measures/Personal protective equipment

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---------------------|
| Physical state | : Liquid |
| Colour | : No data available |
| Odour | : No data available |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

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10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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

Stabilizer (48145-04-6)

| | |
|-----------------------------------|--|
| LD50 oral rat | > 5000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Female, Experimental value, Oral, 14 day(s)) |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified. |

trimethylolpropane triacrylate, stabilized (15625-89-5)

| | |
|------------------------|--------------------------------------|
| IARC group | 2B - Possibly carcinogenic to humans |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |

SECTION 12: Ecological information

12.1. Toxicity

Stabilizer (48145-04-6)

| | |
|----------------|--|
| LC50 fish 1 | 10 mg/l (Equivalent or similar to OECD 203, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value, Lethal) |
| EC50 Daphnia 1 | 1.21 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |

12.2. Persistence and degradability

trimethylolpropane triacrylate, stabilized (15625-89-5)

| | |
|-------------------------------|---|
| Persistence and degradability | Biodegradability in water: no data available. |
| ThOD | 1.835 g O ₂ /g substance |

1,6-hexanediol diacrylate (13048-33-4)

| | |
|-------------------------------|---------------------------|
| Persistence and degradability | Inherently biodegradable. |
|-------------------------------|---------------------------|

Stabilizer (48145-04-6)

| | |
|-------------------------------|-------------------------------------|
| Persistence and degradability | Not readily biodegradable in water. |
|-------------------------------|-------------------------------------|

12.3. Bioaccumulative potential

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| trimethylolpropane triacrylate, stabilized (15625-89-5) | |
|--|---|
| Bioaccumulative potential | No bioaccumulation data available. |
| 1,6-hexanediol diacrylate (13048-33-4) | |
| Bioaccumulative potential | No bioaccumulation data available. |
| Stabilizer (48145-04-6) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.58 (room temperature, Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| Stabilizer (48145-04-6) | |
|--------------------------------|---|
| Surface tension | 53.6 mN/m (23 °C, Experimental value, 472.5 mg/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Ecology - soil | No (test) data on mobility of the substance available. |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Anti Graffiti Clear

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Stabilizer (48145-04-6)


Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

trimethylolpropane triacrylate, stabilized (15625-89-5)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

 **WARNING:** This product can expose you to 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.

SECTION 16: Other information

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Full text of H-statements:

| | |
|-------------------|---|
| Aquatic Acute 2 | Hazardous to the aquatic environment — Acute Hazard, Category 2 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Carc. 2 | Carcinogenicity, Category 2 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1A | Skin sensitisation, category 1A |

SDS US (GHS HazCom 2012)

Polymeric US urges the customer receiving this safety data sheet to study it carefully to become aware of the hazards, if any, in the product. In the interest of safety, the customer should (1) notify your employees, agents and contractors of the information included in this SDS and (2) furnish a copy to each of your employees, customers and agents.

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