

# Safety Data Sheet

according to HPR, Schedule 1

## 1 Identification

- **Product identifier**
- **Trade name:** Precision Guide
- **Other means of identification**
- **Application of the substance / the mixture** Industrial and Professional Use
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
SprintRay Inc.  
2710 Media Center Dr  
LOS ANGELES, CA 90065  
USA
- **Information department:**  
Product safety department  
1-800-424-9300 (U.S.A. and Canada)
- **Emergency telephone number:**  
Chemtrec 1-800-424-9300 (U.S.A. & Canada) 1-703-527-3887 (All Other Countries) Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service.

## 2 Hazard identification

- **Classification of the substance or mixture**  
Sensitization - skin – Category 1A H317 May cause an allergic skin reaction.  
Aquatic Chronic 4 H413 May cause long lasting harmful effects to aquatic life.
- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**  
  
GHS07
- **Signal word** Warning
- **Hazard-determining components of labeling:**  
2,2'-ethylenedioxydiethyl dimethacrylate  
7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diylbismethacrylate  
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide
- **Hazard statements**  
May cause an allergic skin reaction.  
May cause long lasting harmful effects to aquatic life.
- **Precautionary statements**  
If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves.  
IF ON SKIN: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).

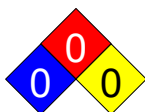
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Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Information pertaining to particular dangers for man and environment:**
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 1  
Fire = 0  
Reactivity = 0

### 3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

|             |                                                                                                                                        |                  |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 41637-38-1  | Poly(oxy-1,2-ethanediyl), $\alpha, \alpha'$ -[(1-methylethylidene)di-4,1-phenylene]bis[ $\omega$ -[(2-methyl-1-oxo-2-propen-1-yl)oxy]- | >10, <70% w/w    |
| 109-16-0    | 2,2'-ethylenedioxydiethyl dimethacrylate                                                                                               | >10, <70% w/w    |
| 72869-86-4  | 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diylbismethacrylate                                          | >10, <70% w/w    |
| 162881-26-7 | phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide                                                                                     | >0.0010, <2% w/w |

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

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**6 Accidental release measures**

- **Personal precautions, protective equipment and emergency procedures** Not required
- **Environmental precautions:**
  - Do not allow product to reach sewage system or any water course.
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Dilute with plenty of water.
  - Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to section 13.
  - Ensure adequate ventilation.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

**7 Handling and storage**

- **Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/ Personal protection**

- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling.

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Physical state**

Liquid

· **Color:**

According to product specification

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined

· **Melting point/Melting range:**

Undetermined

· **Boiling point/Boiling range:**

Undetermined

· **Flammability:**

Not applicable

· **Explosion limits:**· **Lower:**

Not determined

· **Upper:**

Not determined

· **Flash point:**

Not applicable

· **Decomposition temperature:**

Not determined

· **pH-value:**

Not determined

· **Viscosity:**· **Kinematic:**

Not determined

· **Dynamic:**

Not determined

· **Solubility in / Miscibility with**· **Water:**

Fully miscible.

· **Partition coefficient (n-octanol/water):**

Not determined

· **Vapor pressure:**

Not determined

· **Vapor pressure:**· **Density:**

Not determined

· **Relative density**

Not determined

· **Vapor density**

Not determined

· **Particle characteristics**

Not applicable

· **Other information**· **Appearance:**· **Form:**

Fluid

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- |                                                                                        |                                               |
|----------------------------------------------------------------------------------------|-----------------------------------------------|
| · <b>Important information on protection of health and environment, and on safety.</b> |                                               |
| · <b>Ignition temperature:</b>                                                         | Product is not selfigniting.                  |
| · <b>Danger of explosion:</b>                                                          | Product does not present an explosion hazard. |
| · <b>Solvent content:</b>                                                              |                                               |
| · <b>Solids content:</b>                                                               | 0.0 %                                         |
| · <b>Change in condition</b>                                                           |                                               |
| · <b>Evaporation rate</b>                                                              | Not determined                                |

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**41637-38-1 Poly(oxy-1,2-ethanediyl),  $\alpha,\alpha'$ -[(1-methylethylidene)di-4,1-phenylene]bis[ $\omega$ -[(2-methyl-1-oxo-2-propen-1-yl)oxy]-**

|      |      |                    |
|------|------|--------------------|
| Oral | LD50 | >2,000 mg/kg (rat) |
|------|------|--------------------|

|        |      |                    |
|--------|------|--------------------|
| Dermal | LD50 | >2,000 mg/kg (rat) |
|--------|------|--------------------|

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- |                                                                                   |                |
|-----------------------------------------------------------------------------------|----------------|
| · <b>UN-Number</b>                                                                |                |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>                                                 | not regulated  |
| · <b>UN proper shipping name</b>                                                  |                |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>                                                 | not regulated  |
| · <b>Transport hazard class(es)</b>                                               |                |
| · <b>DOT/TDG, ADR, ADN, IMDG, IATA</b>                                            |                |
| · <b>Class</b>                                                                    | not regulated  |
| · <b>Packing group</b>                                                            |                |
| · <b>DOT/TDG, ADR, IMDG, IATA</b>                                                 | not regulated  |
| · <b>Environmental hazards:</b>                                                   | Not applicable |
| · <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not applicable |
| · <b>Special precautions for user</b>                                             | Not applicable |
| · <b>UN "Model Regulation":</b>                                                   | not regulated  |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

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**· TSCA (Toxic Substances Control Act):**
*All components have the value ACTIVE.*
**· Canadian substance listings:**
**· Canadian Domestic Substances List (DSL)**

|             |                                                                                                                                       |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 41637-38-1  | Poly(oxy-1,2-ethanediyl), $\alpha,\alpha'$ -[(1-methylethylidene)di-4,1-phenylene]bis[ $\omega$ -[(2-methyl-1-oxo-2-propen-1-yl)oxy]- |
| 109-16-0    | 2,2'-ethylenedioxydiethyl dimethacrylate                                                                                              |
| 162881-26-7 | phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide                                                                                    |
| 7128-64-5   | 2,5-thiophenediylbis(5-tert-butyl-1,3-benzoxazole)                                                                                    |
| 52408-84-1  | glycerol, propoxylated, esters with acrylic acid                                                                                      |

**· Canadian Non-Domestic Substances List (NDSL)**

|            |                                                                                                 |
|------------|-------------------------------------------------------------------------------------------------|
| 72869-86-4 | 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahehexadecane-1,16-diylbismethacrylate |
|------------|-------------------------------------------------------------------------------------------------|

**· Canadian Ingredient Disclosure list (limit 0.1%)**
*None of the ingredients is listed.*
**· Canadian Ingredient Disclosure list (limit 1%)**

|          |                                          |
|----------|------------------------------------------|
| 109-16-0 | 2,2'-ethylenedioxydiethyl dimethacrylate |
|----------|------------------------------------------|

**· Per- and polyfluoroalkyl substances (PFAS)**
*None of the ingredients is listed.*
**· GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms**


GHS07

**· Signal word** Warning

**· Hazard-determining components of labeling:**

2,2'-ethylenedioxydiethyl dimethacrylate  
 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahehexadecane-1,16-diylbismethacrylate  
 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

**· Hazard statements**

May cause an allergic skin reaction.  
 May cause long lasting harmful effects to aquatic life.

**· Precautionary statements**

If medical advice is needed, have product container or label at hand.  
 Keep out of reach of children.  
 Read carefully and follow all instructions.  
 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid release to the environment.  
 Wear protective gloves.  
 IF ON SKIN: Wash with plenty of water.  
 Take off contaminated clothing and wash it before reuse.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Specific treatment (see on this label).  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**16 Other information**

*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:** Environment protection department.· **Contact:** -· **Date of preparation** 2026/07/26· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative