

## SAFETY DATA SHEET

# GPS 995T

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:* GPS 995T  
*Product no.:* MS-995T

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

*Relevant identified uses of the substance or mixture:* Industrial purposes, Sealant  
Restricted to professional users.  
*Uses advised against:* None known.

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

*Company and address:* **Hernon Manufacturing Inc**  
121 Tech Drive  
FL 32771 Sanford  
USA  
T: +1-407-322-4000  
www.hernon.com

*Contact person:* Hernon SDS Coordinator  
*E-mail:* customerservice@hernon.com

*Revision:* 12/08/2024

*SDS Version:* 1.0

#### 1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webpoisoncontrol (triage.webpoisoncontrol.org) to get specific guidance for your case.

VelocityEHS:

+1-800-255-3924 (USA)

+1-813-248-0585 (International)

1-300-954-583 (Australia)

0-800-591-6042 (Brazil)

400-120-0751 (China)

000-800-100-4086 (India)

800-099-0731 (Mexico)

Contract #: (MIS0002665)

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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

Skin Irrit. 2; H315, Causes skin irritation.

Skin Sens. 1; H317, May cause an allergic skin reaction.  
Eye Irrit. 2; H319, Causes serious eye irritation.  
STOT SE 3; H335, May cause respiratory irritation.  
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

*Hazard pictogram(s):*



*Signal word:*

Warning

*Hazard statement(s):*

Causes skin irritation. (H315)  
May cause an allergic skin reaction. (H317)  
Causes serious eye irritation. (H319)  
May cause respiratory irritation. (H335)  
Harmful to aquatic life with long lasting effects. (H412)

*Precautionary statement(s):*

*General:*

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*Prevention:*

Avoid breathing mist/vapour. (P261)  
Wear eye protection/protective gloves/protective clothing.  
(P280)

*Response:*

If skin irritation or rash occurs: Get medical  
advice/attention. (P333+P313)  
Take off contaminated clothing and wash it before reuse.  
(P362+P364)

*Storage:*

Store in a well-ventilated place. Keep container tightly  
closed. (P403+P233)

*Disposal:*

Dispose of contents/container in accordance with local  
regulation  
(P501)

*Hazardous substances:*

Isobornyl Methacrylate  
Neopentyl Glycol Diacrylate  
Acrylate Oligomer  
1,3 Butylene Glycol Dimethacrylate

*Additional labelling:*

Not applicable.

## 2.3. Other hazards

*Additional warnings:*

This mixture/product does not contain any substances  
known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered  
to be endocrine disruptors in accordance with the criteria  
set out in Commission Delegated Regulation (EU)  
2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Isobornyl Methacrylate	CAS No.: 7534-94-3 EC No.: 231-403-1 UK-REACH: Index No.:	40-60%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	
Neopentyl Glycol Diacrylate	CAS No.: 1985-51-9 EC No.: 217-856-8 UK-REACH: Index No.:	25-40%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
Acrylate Oligomer	CAS No.: Confidential EC No.: UK-REACH: Index No.:	5-20%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319	
1,3 Butylene Glycol Dimethacrylate	CAS No.: 1189-08-8 EC No.: 214-711-0 UK-REACH: Index No.:	1-5%	Skin Sens. 1B, H317	
methacrylic acid;2-methylpropenoic acid	CAS No.: 79-41-4 EC No.: 201-204-4 UK-REACH: Index No.: 607-088-00-5	1-5%	Acute Tox. 4, H302 Acute Tox. 3, H311 Skin Corr. 1A, H314 (SCL: 25.00 %) Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 1.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

## Other information

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## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:*

IF ON SKIN: Wash with plenty of water and soap. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use

<i>Eye contact:</i>	solvents or thinners. If skin irritation occurs: Get medical advice/attention. If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.
<i>Ingestion:</i>	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
<i>Burns:</i>	Not applicable.

#### 4.2. Most important symptoms and effects, both acute and delayed

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If eye irritation persists: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Avoid direct contact with spilled substances.  
Ensure adequate ventilation, especially in confined areas.  
Avoid inhalation of vapours from spilled material.  
Contaminated areas may be slippery.

## 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

## 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:* Always store in containers of the same material as the original container.

*Storage conditions:* Keep at temperatures between 7 and 29 °C.  
Dry, cool and well ventilated

*Incompatible materials:* Strong oxidizing agents  
Reducing agents  
Alkali  
Free radical initiators

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

methacrylic acid;2-methylpropenoic acid

Long term exposure limit (8 hours) (ppm): 20

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 72

Short term exposure limit (15 minutes) (ppm): 40

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 143

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

## DNEL

### 1,3 Butylene Glycol Dimethacrylate

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	2.5 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	4.2 mg/kg bw/day
Long term - Systemic effects - General population	Inhalation	4.3 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	14.5 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	2.5 mg/kg bw/day

### Isobornyl Methacrylate

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	210 µg/kgbw/day
Long term - Systemic effects - Workers	Dermal	350 µg/kgbw/day
Long term - Systemic effects - General population	Inhalation	360 µg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	1.22 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	210 µg/kgbw/day

### methacrylic acid;2-methylpropenoic acid

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Dermal	230 µg/cm <sup>2</sup>
Long term - Local effects - Workers	Dermal	380 µg/cm <sup>2</sup>
Long term - Systemic effects - General population	Dermal	5.35 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	4.25 mg/kg bw/day
Long term - Local effects - General population	Inhalation	8.8 mg/m <sup>3</sup>
Long term - Local effects - Workers	Inhalation	44 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Inhalation	11.7 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	39.3 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	5.35 mg/kg bw/day

## PNEC

### 1,3 Butylene Glycol Dimethacrylate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		91.9 µg/L
Freshwater sediment		1.6 mg/kg
Intermittent release (freshwater)		130 µg/L
Marine water		9.19 µg/L
Marine water sediment		160 µg/kg

Sewage treatment plant		20 mg/L
Soil		573 µg/kg

### Isobornyl Methacrylate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		2.33 µg/L
Freshwater sediment		1.2 mg/kg
Intermittent release (freshwater)		17.9 µg/L
Marine water		233 ng/L
Marine water sediment		120 µg/kg
Sewage treatment plant		2.45 mg/L
Soil		239 µg/kg

### methacrylic acid;2-methylpropenoic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		820 µg/L
Freshwater sediment		3.09 mg/kg
Intermittent release (freshwater)		450 µg/L
Marine water		82 µg/L
Marine water sediment		309 µg/kg
Sewage treatment plant		100 mg/L
Soil		137 µg/kg

## 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

<i>General recommendations:</i>	Smoking, drinking and consumption of food is not allowed in the work area.
<i>Exposure scenarios:</i>	There are no exposure scenarios implemented for this product.
<i>Exposure limits:</i>	Occupational exposure limits have not been defined for the substances in this product.
<i>Appropriate technical measures:</i>	Apply standard precautions during use of the product. Avoid inhalation of vapours.
<i>Hygiene measures:</i>	Take off contaminated clothing and wash it before reuse.
<i>Measures to avoid environmental exposure:</i>	Keep damming materials near the workplace. If possible, collect spillage during work.


## Individual protection measures, such as personal protective equipment

*Generally:* Use only UKCA marked protective equipment.

### *Respiratory Equipment:*


If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

*Skin protection:*

Recommended	Type/Category	Standards	
-	Protective Clothing		

Hand protection:  
Nitrile Rubber

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<i>Physical state:</i>	Liquid
<i>Colour:</i>	Yellow, Clear - light yellow
<i>Odour / Odour threshold:</i>	Sharp/pungent
<i>pH:</i>	No data available
<i>Density (g/cm<sup>3</sup>):</i>	1.01
<i>Kinematic viscosity:</i>	No data available
<i>Particle characteristics:</i>	No data available

### Phase changes

<i>Melting point/Freezing point (°C):</i>	No data available
<i>Softening point/range (°C):</i>	Does not apply to liquids.
<i>Boiling point (°C):</i>	No data available
<i>Vapour pressure:</i>	No data available
<i>Relative vapour density:</i>	No data available
<i>Decomposition temperature (°C):</i>	No data available

### Data on fire and explosion hazards

<i>Flash point (°C):</i>	>100
<i>Flammability (°C):</i>	The material is not combustible.
<i>Auto-ignition temperature (°C):</i>	No data available
<i>Lower and upper explosion limit (% v/v):</i>	No data available

### Solubility

<i>Solubility in water:</i>	No data available
<i>n-octanol/water coefficient (LogKow):</i>	No data available
<i>Solubility in fat (g/L):</i>	No data available

### 9.2. Other information



<i>Sensitivity to shock:</i>	No
<i>Evaporation rate (n-butylacetate = 100):</i>	No data available
<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Extremes of temperature  
Incompatible Materials

### 10.5. Incompatible materials

Strong oxidizing agents  
Reducing agents  
Alkali  
Free radical initiators

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Causes skin irritation.

#### Serious eye damage/irritation

Causes serious eye irritation.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### Skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

### **STOT-single exposure**

May cause respiratory irritation.

### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

### **Aspiration hazard**

Based on available data, the classification criteria are not met.

## **11.2. Information on other hazards**

### **Long term effects**

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### **Other information**

None known.

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## **SECTION 12: ECOLOGICAL INFORMATION**

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### **12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

### **12.2. Persistence and degradability**

Based on available data, the classification criteria are not met.

### **12.3. Bioaccumulative potential**

Based on available data, the classification criteria are not met.

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

No data available.

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

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

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

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### **12.7. Other adverse effects**

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

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## **SECTION 13: DISPOSAL CONSIDERATIONS**

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### **13.1. Waste treatment methods**

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity  
 HP 13 – Sensitising  
 HP 14 – Ecotoxic  
 Dispose of contents/container to an approved waste disposal plant.  
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
 EWC code: Not applicable.

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

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

*Restrictions for application:*

Restricted to professional users.  
 People under the age of 18 shall not be exposed to this product.  
 Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

Not applicable.

*Additional information:*

Not applicable.

*Sources:*

The Management of Health and Safety at Work Regulations 1999.  
 The Health and Safety at Work etc. Act 1974 Regulations

2013.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.  
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.  
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.  
H311, Toxic 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.  
H412, Harmful to aquatic life with long lasting effects.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### **Additional information**

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### **The safety data sheet is validated by**

SDS Coordinator

### **Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en