

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2020/878

Issued: 20 Oct 2022

Supersedes: 23 June 2020

**FLOORMATTE™****SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 PRODUCT IDENTIFIER**

Product Name: FloorMatte Non-Glare Floor Coating  
UFI: K526-KA9T-V000-136K

Product Number: 114L5

**1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST**

Product intended for commercial and industrial use only.

Intended Use: Floor finish

Uses Advised Against: Other than per labelled instructions.

**1.3 DETAILS OF THE DISTRIBUTOR**

Marpól ehf  
Dalbrekka 15  
200 Kópavogur  
Iceland  
Telephone: +354 5445588  
Email: marpol@marpol.is  
Internet: www.marpol.is

**1.4 EMERGENCY TELEPHONE NUMBER**

**For Chemical Emergency:** Spill, Leak, Fire, Exposure or Accident. Call 112 EMERGENCY SERVICES Day or Night. 543-2222 POISON CENTRE (EITRUNARMÍÐSTÖÐ)

**SECTION 2: HAZARDS IDENTIFICATION****2.1 CLASSIFICATION OF THE MIXTURE**

This mixture has been classified according to EC 1272/2008.

Classification: Skin Sensitisation - Category 1

**2.2 LABEL ELEMENTS**

Signal Word: Warning

Hazard pictogram:



Contains: Methylisothiazolinone, Maleic anhydride

Hazard Statement:

H317 May cause an allergic skin reaction.

Precautionary Statements:

P261 Avoid breathing vapours.

P280 Wear protective gloves and eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

**2.3 OTHER HAZARDS** No additional information available.**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1/3.2 SUBSTANCES/MIXTURES**

| Ingredient              | EC No.    | Weight % | CAS No. | REACH-No.        | CLP Classification |                      |
|-------------------------|-----------|----------|---------|------------------|--------------------|----------------------|
|                         |           |          |         |                  | Hazard Class       | Hazard Statement(s)* |
| Tributoxyethylphosphate | 201-122-9 | 1 - < 5  | 78-51-3 | 01-2119485835-23 | AquaChr 3          | H412                 |

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|                                  |           |         |           |                          |  |  |
|----------------------------------|-----------|---------|-----------|--------------------------|--|--|
| Trimethyl pentanyl diisobutyrate | 229-934-9 | 1 - < 5 | 6846-50-0 | 01-<br>2119451093<br>-47 | Repr 2<br>AquaChr 3  | H361d<br>H412  |
| 1,2-Benzisothiazol-3(2H)-one     | 220-120-9 | < 0,1   | 2634-33-5 | 01<br>2120761540<br>-60  | AcuteTox 4<br>Skin Irrit 2<br>Eye Dam 1<br>Skin Sens 1<br>AqAcute1                               | H302<br>H315<br>H318<br>H317<br>H400                       |
| 1-Methoxy-2-propanol             | 203-539-1 | < 0,1   | 107-98-2  | 01-<br>2119457435<br>-35 | Flam Liq 3<br>STOT SE 3  | H226<br>H336   |
| Maleic anhydride                 | 203-571-6 | < 0,1   | 108-31-6  |                          | AcuteTox 4<br>STOT RE 1<br>Skin Corr 1B<br>Eye Dam 1<br>Resp Sens 1<br>Skin Sens 1A              | H302<br>H372<br>H314<br>H318<br>H334<br>H317               |
| 2-Methylisothiazol-3(2H)-one     | 220-293-6 | < 0,1   | 2682-20-4 | 01-<br>2120764690<br>-50 | AcuteTox 3<br>AcuteTox 2<br>Skin Corr 1B<br>Skin Sens 1A<br>Eye Dam 1<br>AquaAcute1<br>AquaChr 1 | H301, H311<br>H330<br>H314<br>H317<br>H318<br>H400<br>H410 |

\*See section 16 for the full text of (EU) Hazard Statements

| Ingredient                   | EC No.    | CAS No.   | Specific Concentration Limits<br>M-Factors                            |
|------------------------------|-----------|-----------|---|
| 1,2-Benzisothiazol-3(2H)-one | 220-120-9 | 2634-33-5 | (0,05 ≤ C ≤ 100) Skin Sens 1, H317                                    |
| Maleic anhydride             | 203-571-6 | 108-31-6  | (0,001 ≤ C ≤ 100) Skin Sens 1A, H317                                  |
| 2-Methylisothiazol-3(2H)-one | 220-293-6 | 2682-20-4 | (0,0015 ≤ C ≤ 100) Skin Sens 1A, H317<br>Aquatic Acute 1, H100 (M=10) |

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES**

**Eye Contact:** Immediately rinse with clean water for 10-15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact:** Wash skin with mild soap and water.

**Inhalation:** If experiencing respiratory symptoms: Allow affected person to breathe fresh air.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Give water to drink. Seek medical advice immediately and show this container or label.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

This mixture is not expected to produce significant adverse health effects when recommended use instructions are followed.

**Eye Contact:** May cause slight irritation.

**Skin Contact:** Not expected to present a significant skin hazard under normal use conditions.

**Inhalation:** None expected under normal use.

**Ingestion:** May cause irritation of the linings of the mouth, throat and gastrointestinal tract.

**4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

In case of any doubt or when irritation occurs or persists seek medical advice. If medical advice is needed, have product container or label at hand.

**SECTION 5: FIRE FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

In case of fire: All known extinguishants can be used.

**5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE**

The product itself does not maintain combustion.

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**FLOORMATTE™****5.3 ADVICE FOR FIRE FIGHTERS**

Use fire fighting measures that suit the environment. As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection. Fire-fighters should wear clothing conforming to EN469 for chemical incidents.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Material spilled on hard surface can present a serious slipping/falling hazard.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Keep spills and cleaning runoff out of sewers and open bodies of water.

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Small spills: Absorb spill on inert material (e.g. sand, earth) and dispose of as waste material in accordance with national and regional provisions.

Large spills: Keep spectators away. Floors may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g. sand, earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal.

**6.4 REFERENCE TO OTHER SECTIONS:**

Refer to Section 8 of the SDS - Personal precautions

Refer to Section 7 of the SDS - Precautions in handling and storage

Refer to Section 13 of the SDS - Waste disposal recommendations

**SECTION 7: HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

Avoid contact with eyes and skin. Wash thoroughly after handling. Use in well-ventilated areas.

**7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

Keep from freezing. Keep container sealed when not in use. Keep out of reach of children.

**7.3 SPECIFIC END USE(S):** No information available**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS****Workplace Exposure Limits:**

| Ingredient                              | Source   | TWA (8hours) |                   | STEL (Short term) |                   | Note(s)           |
|---|--|--------------|-------------------|-------------------|-------------------|-------------------|
|   |  | ppm          | mg/m <sup>3</sup> | ppm               | mg/m <sup>3</sup> |                   |
| 1-Methoxy-2-propanol<br>(CAS# 107-98-2) | ACGIH TLV  | 50           | 184               | 100               | 369               |                   |
|   | DE (TRGS 900)                                    | -            | -                 | 100               | 370               | 2(l)<br>DFG, EU,Y |
|   | DK - At-Vejledning Stoffer og materialier- C.0.1 | 50           | 185               | -                 | -                 | E                 |
|   | EU (2000/39/EC)                                  | 100          | 375               | 150               | 568               | Skin              |
|   | NO – Forskrift, best.nr. 704                     | 50           | 180               | -                 | -                 | H *               |
|   | NL - Grenswaarde TGG                             | -            | 375               | -                 | 563               | H                 |
|   | EH40   | 100          | 375               | 150               | 560               | Sk                |

**8.2 EXPOSURE CONTROLS**

Engineering Controls: Use only with adequate ventilation. Use local ventilation and other engineering controls to maintain airborne contaminants below established and recommended exposure limits. If this product contains ingredients with exposure limits, monitoring may be required to determine the effectiveness of ventilation and other control measures.

Environmental exposure controls: No specific environmental exposure controls known.

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### Personal Protective Equipment (PPE)

- Eye Protection: Under normal use of this product, eye protection not necessary. If there is a risk of liquid being splashed: Wear eye protection.  
Safety glasses or goggles (EN166).
- Hand Protection: Chemical resistant gloves are recommended. (EN374).  
Protective gloves should be selected according to the application and duration of use. Workplace selection should take into consideration handling requirements, physical requirements and exposure to other substances.
- Respiratory Protection: Under normal use of this product, respiratory protection not necessary. Respiratory protection should be worn when there is a potential of inadequate ventilation. If exposure limits are exceeded or symptoms are experienced, use an approved respirator with multi-purpose combination filter.  
(E.g. - EN 14387- ABEK)
- Hygiene Measures: Do not eat, drink or smoke when using this product.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| Physical state:                                  | Liquid   |
| Colour:  | milky white  |
| Odour:   | slight odor characteristic of raw material, no added fragrance |
| Melting point/Freezing point:                    | -1,7°C   |
| Boiling point/Boiling range:                     | 98°C   |
| Flammability:                                    | Does not maintain combustion.                                  |
| Lower and upper explosion limits:                | No data available  |
| Flash Point:                                     | > 93°C   |
| Auto-ignition temperature:                       | No data available  |
| Decomposition temperature:                       | No data available  |
| pH:  | 8,5 - 9,5  |
| Kinematic viscosity:                             | < 10 mm <sup>2</sup> /s  |
| Solubility:                                      | Water, completely soluble                                      |
| Partition coefficient n-octanol/water [log Pow]: | -0,56 (calculated value)                                       |
| Vapor pressure:                                  | 23,87 hPa  |
| Density:   | 1,02 g/cm <sup>3</sup>   |
| Relative vapor density:                          | No data available  |
| Particle characteristics:                        | Not applicable to liquids                                      |

### 9.2 OTHER INFORMATION

#### 9.2.1 - Information with regard to physical hazard class:

|                       |                 |
|-----------------------|-----------------|
| Oxidising properties: | Not established |
| Explosive properties: | Not established |

#### 9.2.2 - Other safety characteristics:

|   |       |
|---|-------|
| Relative evaporation rate (butylacetate=1): | < 1   |
| VOC:  | 5,22% |

## SECTION 10: STABILITY AND REACTIVITY

- 10.1 REACTIVITY: Stable under normal conditions.
- 10.2 CHEMICAL STABILITY: Stable under normal conditions.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS: None known
- 10.4 CONDITIONS TO AVOID: None known
- 10.5 INCOMPATIBLE MATERIALS: Do not mix with other chemicals unless stated on the product label.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS: None known

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**FLOORMATTE™****SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) 1272/2008****ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture.ATE<sub>mix</sub> (oral): > 2000 mg/kgATE<sub>mix</sub> (dermal): > 2000 mg/kgATE<sub>mix</sub> (inhalation): > 20 mg/l (4 hr/vapour)

Based on criteria 3.1.3 from (EC) 1272/2008, the Acute Toxicity classification criteria are not met.

Components details are given below:

| Component                        | CAS #     | LD50 Oral Rat | LD50 Dermal Rabbit | LC50 Inhalation Rat |
|----------------------------------|-----------|---------------|--------------------|---------------------|
| Tributoxyethylphosphate          | 78-51-3   | 3000 mg/kg    | > 5000 mg/kg       | > 6,4 mg/l          |
| Trimethyl pentanyl diisobutyrate | 6486-50-0 | > 2000 mg/kg  | > 2000 mg/kg       | > 0,12 mg/l (6 h)   |
| 1-Methoxy-2-propanol             | 107-98-2  | 3739 mg/kg    | > 2000 mg/kg       | > 26315 mg/l (4 h)  |
| 1,2-Benzisothiazol-3(2H)-one     | 2634-33-5 | 1020 mg/kg    | 4115 mg/kg         | 100 mg/l/4h         |

**SKIN CORROSION/IRRITATION:** Based on available data, the classification criteria are not met.**SERIOUS EYE DAMAGE/IRRITATION:** Based on available data, the classification criteria are not met.**RESPIRATORY OR SKIN SENSITIZATION:** Classified as Skin Sensitisation - Category 1.  
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:** Based on available data, the classification criteria are not met.**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****11.2.1 Endocrine disrupting properties:** None known**11.2.2 Other information:** No additional information available**SECTION 12: ECOLOGICAL INFORMATION****12.1 TOXICITY:** Ecological testing has not been completed on the mixture.

Based on criteria 4.1.3 of (EC) 1272/2008 this product is not dangerous to the environment. Components that are dangerous to the environment are mentioned below.

| Component                        | CAS #     | LC50 fish (96 h) | EC50 Daphnia (48 h) | EC50 Algae (72 h) |
|----------------------------------|-----------|------------------|---------------------|-------------------|
| Tributoxyethylphosphate          | 78-51-3   | 24 mg/l          | 75 mg/l             | 61 mg/l           |
| Trimethyl pentanyl diisobutyrate | 6486-50-0 | ≥ 6 mg/l         | ≥ 1,46 mg/l         | > 7,49 mg/l       |
| 1-Methoxy-2-propanol             | 107-98-2  | > 4600 mg/l      | 23300 mg/l          | (IC50) > 500 mg/l |
| 1,2-Benzisothiazol-3(2H)-one     | 2634-33-5 | 2,18 mg/l        | 2,94 mg/l           | 0,11 mg/l         |
| 2-Methylisothiazol-3(2H)-one     | 2682-20-4 | 4,77 mg/l        | 0,934 mg/l          | 0,0725 mg/l       |

**12.2 PERSISTENCE AND DEGRADABILITY:**

| Component                        | CAS #     | Biodegradability                            |
|----------------------------------|-----------|---|
| Tributoxyethylphosphate          | 78-51-3   | Readily biodegradable                       |
| Trimethyl pentanyl diisobutyrate | 6486-50-0 | 70,73% 28 days,<br>Moderately biodegradable |
| 1-Methoxy-2-propanol             | 107-98-2  | Readily biodegradable                       |

**12.3 BIOACCUMULATIVE POTENTIAL:**

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| Component                          | CAS #     | Partition coefficient n-octanol/water (Log Pow) |
|------------------------------------|-----------|---|
| FloorMatte Non-Glare Floor Coating | mixture   | -0,56 (calculated)                              |
| Tributoxyethylphosphate            | 78-51-3   | 3,75  |
| Trimethyl pentanyl diisobutyrate   | 6846-50-0 | 4,04 - 4,91                                     |
| 1-Methoxy-2-propanol               | 107-98-2  | 1   |
| 1,2-Benzisothiazol-3(2H)-one       | 2634-33-5 | 0,7   |
| 2-Methylisothiazol-3(2H)-one       | 2682-20-4 | -0,32   |

**12.4 MOBILITY IN SOIL:** Testing has not been completed on the mixture.**12.5 RESULTS OF PBT AND vPvB ASSESSMENT:**

|                                    |   |
|------------------------------------|---|
| FloorMatte Non-Glare Floor Coating | This mixture does not meet the PBT criteria of REACH regulation, Annex XIII.<br>This mixture does not meet vPvB criteria of REACH regulation, Annex XIII. |
|------------------------------------|---|

**12.6 ENDOCRINE DISRUPTING PROPERTIES:** None known**12.7 OTHER ADVERSE EFFECTS:** No additional information available.**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 WASTE TREATMENT METHODS**

Disposal of this material should be in accordance with local, regional and national regulations.

EU Waste Catalogue: 16 03 05\* Organic wastes containing dangerous substances

**SECTION 14: TRANSPORT INFORMATION**

Product is not classified as hazardous for transport regulations.

**14.1 UN NUMBER:** None**14.2 UN PROPER SHIPPING NAME:** None**14.3 TRANSPORT HAZARD CLASSES:** None**14.4 PACKING GROUP:** None**14.5 ENVIRONMENTAL HAZARDS:** None**14.6 SPECIAL PRECAUTIONS:** None**14.7 MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS:** Product is not transported in bulk.**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE**

Does not contain substances or labelled product uses subject to REACH Annex XVII restriction.

See Annex XVII of Regulation (EC) 1907/2006 for Designation of the substances and Conditions of restriction.

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to EU 649/2012

Contains no substance subject to EU 2019/1021

**15.2 CHEMICAL SAFETY ASSESSMENT:** No chemical safety assessment has been carried out.**SECTION 16: OTHER INFORMATION****REVISION INFORMATION:**

20 Oct 2022 - Revisions per (EU) 2020/878; § 1, 2, 3, 4, 7, 8, 9, 11, 12, 14, &amp; 16

**ABBREVIATIONS:**

ACGIH American Conference of Governmental Industrial Hygienists

ATE Acute Toxicity Estimate

CAS No. Chemical Abstract Service Number

CLP Classification Labeling Packaging Regulation (EC) 1272/2008

EC50 Median Effective Concentration.

EC No. European Union Identification Number

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|       |   |
|-------|---|
| IMO   | International Maritime Organization   |
| LC50  | Median Lethal Concentration   |
| LD50  | Median Lethal Dose  |
| PBT   | Persistent Bioaccumulative Toxic  |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation, (EC) 1907/2006 |
| SDS   | Safety Data Sheet   |
| STEL  | Short-Term Exposure Limit   |
| TWA   | Time Weighted Average   |
| UFI   | Unique Formula Identifier   |
| UN    | United Nations  |
| VOC   | Volatile Organic Compound   |
| vPvB  | Very Persistent and Very Bioaccumulative  |

**CLASSIFICATION ACCORDING TO EC 1272/2008:**

| Classification and procedure used to derive the classification for mixture: |      |                    |
|---|------|--------------------|
| Skin Sens 1   | H317 | Calculation method |

**FULL TEXT OF HAZARD STATEMENTS:**

|       |   |
|-------|---|
| H226  | Flammable liquid and vapour.  |
| H301  | Toxic if swallowed.   |
| H302  | Harmful if swallowed.   |
| H311  | Toxic in contact with skin.   |
| H314  | Causes severe skin burns and eye damage.                                  |
| H315  | Causes skin irritation.   |
| H318  | Causes serious eye damage.  |
| H330  | Fatal if inhaled.   |
| H334  | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| H336  | May cause drowsiness or dizziness.  |
| H361d | Suspected of damaging the unborn child.                                   |
| H372  | Causes damage to organs through prolonged or repeated exposure.           |
| 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.                        |

**FULL TEXT OF PRECAUTIONARY STATEMENTS:**

|           |  |
|-----------|--|
| EUH210    | Safety data sheet available on request.  |
| P272      | Contaminated work clothing should not be allowed out of the workplace.                     |
| P321      | Specific treatment (see the label).  |
| P362+P364 | Take off contaminated clothing and wash it before reused.                                  |
| P501      | Dispose of contents/container in accordance with local, regional and national regulations. |

**ISSUED BY:**

Chemical/R&D Department  
Amano Pioneer Eclipse Corporation

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