

**SAFETY DATA SHEET**

Conforms to 1907/2006/EC - (EU) 2015/830

Issued: Dec. 4, 2017

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

Product Name: FloorMatte Non-Glare Floor Coating 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 SUPPLIER OF THE SAFETY DATA SHEET**Amano Pioneer Eclipse Corporation  
P.O. Box 909  
1 Eclipse Road  
Sparta, NC 28675  
Telephone: 1-336-372-8080  
Email: sds@pioneereclipse.com  
Internet: www.pioneereclipse.com**1.4 EMERGENCY TELEPHONE NUMBER****For Chemical Emergency:** Spill, Leak, Fire, Exposure or Accident. Call CHEMTREC Day or Night.  
Within USA and Canada 1-800-424-9300. Outside USA and Canada 1-703-527-3887 (collect calls accepted)**SECTION 2: HAZARDS IDENTIFICATION****2.1 CLASSIFICATION OF THE MIXTURE**This mixture has been classified according to EC 1272/2008.  
Not classified as hazardous.**2.2 LABEL ELEMENTS**Signal Word: None  
Hazard pictogram(s): None  
Hazard Statement(s): Contains Benzisothiazolinone. May produce an allergic reaction.  
Precautionary Statement(s): None**2.3 OTHER HAZARDS** Contains PBT/vPvB substance  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII**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	Aquatic Chronic 3	H412
Trimethyl pentanyl diisobutyrate	229-934-9	1 - 5	6846-50-0	01-2119451093-47	Aquatic Chronic 3	H412

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

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES****Eye Contact:** Rinse with plenty of water. If irritation develops and persists, seek medical attention.  
**Skin Contact:** Wash with plenty of water. If irritation develops and persists, seek medical attention.  
**Inhalation:** If breathing is difficult, remove to fresh air. If symptoms persist, seek medical attention.  
**Ingestion:** If ingested, do not induce vomiting. Seek medical attention.



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### FLOORMATTE™

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

No information available.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 EXTINGUISHING MEDIA

In case of fire: use dry chemical, water spray, foam, carbon dioxide.

#### 5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE

Hazardous combustion products: CO, CO<sub>2</sub>

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include but not limited to the above mentioned substances.

#### 5.3 ADVICE FOR FIRE FIGHTERS

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. Materials can splatter above 100°C/212°F.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Refer to Section 8 for appropriate personal protective equipment.

#### 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. Neutralize spill area. 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 Sections 8, 7 & 13 of the SDS.

### 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

Storage temperature (Max. 60°C/140°F) (Min. 1°C/34°F). 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

Components do not have established work exposure limits.

**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.

**Personal Protective Equipment (PPE)**

Eye/Face Protection: Safety eyewear is recommended, to avoid chemical splashes and mists. 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.

Skin Protection: If major exposure is possible, wear suitable protection such as rubber boots, apron, etc.

Respiratory Protection: 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)

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	thin, milky white, opaque liquid
Odor:	slight ammonia
Odor Threshold:	No test data available
pH:	9.1 [Method: ASTM E 70]
Freezing Point:	No test data available
Initial boiling point/boiling range:	No test data available
Flash Point:	> 93°C [Method: Closed cup, ASTM D 56]
Evaporation Rate:	No test data available
Flammability (solid, gas)	Not applicable to liquids
Upper/lower flammability/explosive limits:	No test data available
Vapor Pressure:	No test data available
Vapor Density:	No test data available
Relative Density:	1.02 kg/L @ 20°C [Method: Pycnometer, ASTM D 1475]
Solubility:	miscible in water
Partition Coefficient (n-octanol/water):	No test data available
Auto Ignition temperature:	No test data available
Decomposition Temperature:	No test data available
Viscosity:	<10 centipoise @ 20°C [Method: Rotational viscometer, Brookfield]
Explosive Properties:	None
Oxidizing properties:	None

**9.2 OTHER INFORMATION** No additional information available.

**SECTION 10: STABILITY AND REACTIVITY**

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

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**FLOORMATTE™****SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture.  
Based on criteria 3.1.3 from (EC) 1272/2008, the classification criteria are not met and this product is not toxic.

Component	CAS #	LD50 Oral	LD50 Dermal	LC50 Inhalation Rat (Dust/Mist - mg/l/4h)
Tributoxyethylphosphate	78-51-3	3000 mg/kg bodyweight	data not available	data not available

**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:** Based on available data, the classification criteria are not met.  
**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 EXPSURE:** Based on available data, the classification criteria are not met.  
**ASPIRATION HAZARD:** Based on available data, the classification criteria are not met.

**11.2 POTENTIAL ADVERSE HEALTH EFFECTS**

Effects and symptoms related to this mixture, if any, are listed in Section 4.2.

**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 1	EC50 other aquatic organisms
Tributoxyethylphosphate	78-51-3	24 mg/l	75 mg/l - EC50 Daphnia 1
Trimethyl pentanyl diisobutyrate	6846-50-0	data not available	> 7.49 mg/l - EC50 72h algae

**12.2 PERSISTENCE AND DEGRADABILITY:** Testing has not been completed on the mixture.

**12.3 BIOACCUMULATIVE POTENTIAL:** Testing has not been completed on the mixture.

Component	CAS #	Partition coefficient n-octanol/water
Trimethyl pentanyl diisobutyrate	6846-50-0	3.75

**12.4 MOBILITY IN SOIL:** Testing has not been completed on the mixture.

**12.5 RESULTS OF PBT AND vPvB ASSESSMENT:**

Component	CAS #	PVT / vPvB
Trimethyl pentanyl diisobutyrate	6846-50-0	This substance meets the PBT criteria of REACH regulation, Annex XIII. The substance meets the vPvB criteria of REACH regulation, Annex XIII.

**12.6 OTHER ADVERSE EFFECTS:** None known

**12.7 ADDITIONAL INORMATION:** No additional information available.



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### 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 **TRANSPORT IN BULK ACCORDING TO ANNEX II OF MAPROL73/78 AND THE IBC CODE:** N/A

### SECTION 15: REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances  
EINECS STATUS: Ingredients are included in the EINECS/ELINCS/NLP inventories.  
NATIONAL REGULATIONS: No additional national regulations are known to the supplier.

- 15.2 **CHEMICAL SAFETY ASSESSMENT:** No information available.

### SECTION 16: OTHER INFORMATION

#### REVISION INFORMATION:

Dec. 4, 2017 - SDS issued

#### ABBREVIATIONS:

N/A - Not applicable  
N/E - Not Established  
N/L - Not Listed

#### FULL TEXT OF HAZARD STATEMENTS:

Aquatic Chronic 3 - Hazardous to the aquatic environment — Chronic Hazard, Category 3  
H412 - Harmful to aquatic life with long lasting effects

#### FULL TEXT OF PRECAUTIONARY STATEMENTS:

Safety data sheet available on request.

#### ISSUED BY:

Chemical/R&D Department  
Amano Pioneer Eclipse Corporation