

**REVOLUTION 2000™ PREMIUM FLOOR COATING****1. IDENTIFICATION OF THE MIXTURE (PREPARATION) AND OF THE COMPANY/UNDERTAKING****1.1 PRODUCT IDENTIFIER**

Product Name: Revolution 2000 Premium Floor Coating Product Number: 116

**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****Manufacturer:**

Amano Pioneer Eclipse Corporation

P.O. Box 909

1 Eclipse Road

Sparta, NC 28675

Telephone: 1-336-372-8080

Email: msds@pioneer-eclipse.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)

**2. HAZARDS IDENTIFICATION****2.1 CLASSIFICATION OF THE MIXTURE (PREPARATION)****2.1.1** This mixture has been classified according to EC 1272/2008.

CLP Classification: Not classified as hazardous.

**2.1.2** This preparation has been classified according to 1999/45/EC.

DPD Classification: Not classified as dangerous

**2.2 LABEL ELEMENTS**

Signal Word: None

Hazard pictogram(s): None

Hazard Statement(s): None

Precautionary Statement(s): None

**2.3 OTHER HAZARDS**

No other hazards are known to the supplier

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1/3.2 SUBSTANCES/MIXTURES**

This mixture (preparation) does not contain hazardous ingredients; as determined by EC 1272/2008 (1999/45/EC).

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

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

**Eye Contact:** None expected under normal use.

**Skin Contact:** None expected under normal use.

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

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

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

No information available.

**5. FIRE FIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

Dry chemical, water spray, foam, carbon dioxide

**5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE**

Hazardous combustion products: None

**5.3 ADVICE FOR FIRE FIGHTERS**

Unusual fire and explosion hazards: Materials can splatter above 100°C/212°F.

Special firefighting procedures: No special firefighting procedures recommended.

**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 Section 8 of the SDS.

**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

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

Occupational Exposure Limits: None

**8.2 EXPOSURE CONTROLS**

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**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.

**Hand Protection:** Chemical resistant gloves are recommended.

**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.

**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:	N/E
pH:	8.3
Freezing Point:	N/E
Initial boiling point/boiling range:	N/E
Flash Point:	> 93°C
Evaporation Rate:	N/E
Upper/lower flammability/explosive limits:	N/E
Vapor Pressure:	N/E
Vapor Density:	N/E
Relative Density:	1.04 kg/L @ 20°C
Solubility:	miscible in water
Partition Coefficient (n-octanol/water):	N/E
Auto Ignition temperature:	N/E
Decomposition Temperature:	N/E
Viscosity:	<10 centipoise @ 20°C
Explosive Properties:	N/A
Oxidizing properties:	N/E

**9.2 OTHER INFORMATION**

VOC: 0.05%

**10. STABILITY AND REACTIVITY**

<b>10.1 REACTIVITY:</b>	None known
<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>	Strong acids, bases and oxidizing agents.
<b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None known

**11. TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

**ACUTE TOXICITY:** Toxicity testing has not been completed on the mixture. Based on available data, the classification criteria are not met.

**SKIN CORROSION/IRRITATION:** Based on available data, the classification criteria are not met.

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<b>SERIOUS EYE DAMAGE/IRRITATION:</b>	Based on available data, the classification criteria are not met.
<b>RESPIRATORY OR SKIN SENSITIZATION:</b>	Based on available data, the classification criteria are not met.
<b>GERM CELL MUTAGENICITY:</b>	Based on available data, the classification criteria are not met.
<b>CARCINOGENICITY:</b>	Based on available data, the classification criteria are not met.
<b>REPRODUCTIVE TOXICITY:</b>	Based on available data, the classification criteria are not met.
<b>STOT-SINGLE EXPOSURE:</b>	Based on available data, the classification criteria are not met.
<b>STOT-REPEATED EXPSURE:</b>	Based on available data, the classification criteria are not met.
<b>ASPIRATION HAZARD:</b>	Based on available data, the classification criteria are not met.

**12. ECOLOGICAL INFORMATION**

<b>12.1 TOXICITY:</b>	Ecological testing has not been completed on the mixture.
<b>12.2 PERSISTANCE AND DEGRADABILITY:</b>	No data available.
<b>12.3 BIOACCUMULATIVE POTENTIAL:</b>	No data available.
<b>12.4 MOBILITY IN SOIL:</b>	No data available.
<b>12.5 RESULTS OF PBT AND vPvB ASSESSMENT:</b>	No data available.
<b>12.6 OTHER ADVERSE EFFECTS:</b>	No data available.
<b>12.7 ADDITIONAL INORMATION:</b>	No data available.

**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 06

**14. TRANSPORT INFORMATION**

Product is not classified as hazardous for transport regulations.

<b>14.1 UN NUMBER:</b>	None
<b>14.2 UN PROPER SHIPPING NAME:</b>	None
<b>14.3 TRANSPORT HAZARD CLASSES:</b>	None
<b>14.4 PACKING GROUP:</b>	None
<b>14.5 ENVIRONMENTAL HAZARDS:</b>	None
<b>14.6 SPECIAL PRECAUTIONS:</b>	None
<b>14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MAPROL73/78 AND THE IBC CODE:</b>	N/A

**15. REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE**

EINECS STATUS: Ingredients are included in the EINECS/ELINCS/NLP inventories.  
NATIONAL REGULATIONS: No additional national regulations are known to the supplier.

<b>15.2 CHEMICAL SAFETY ASSESSMENT:</b>	No information available.
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**16. OTHER INFORMATION****REVISION INFORMATION:**

May 8, 2015 - Revisions required per EC1272/2008

**ABBREVIATIONS:**

**REVOLUTION 2000™ PREMIUM FLOOR COATING**

N/A - Not applicable

N/E - Not Established

N/L - Not Listed

**FULL TEXT OF HAZARD STATEMENTS:**

None

**FULL TEXT OF PRECAUTIONARY STATEMENTS:**

None

**FULL TEXT OF RISK PHRASES:**

None

**ISSUED BY:**

Chemical/R&D Department

Amano Pioneer Eclipse Corporation