

**SAFETY DATA SHEET  
HARLEQUIN VINYL MAINTAINER****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name HARLEQUIN VINYL MAINTAINER

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

Identified uses Cleaning agent.

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

Supplier British Harlequin plc  
Festival House  
Chapman Way  
Tunbridge Wells  
Kent  
TN2 3EF  
01892 514888  
01892 514222  
enquiries@harlequinfloors.com

**1.4. Emergency telephone number**

Emergency telephone UK  
Poisons Information Specialist  
National Poisons Information Service  
Birmingham  
B18 7QH  
Tel: +44 (0)121 507 5122

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Not Classified  
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319  
Environmental hazards Aquatic Chronic 3 - H412

**2.2. Label elements****Pictogram**

Signal word Warning

Hazard statements H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**HARLEQUIN VINYL MAINTAINER**

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.  
P273 Avoid release to the environment.  
P280 Wear eye protection.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P337+P313 If eye irritation persists: Get medical advice/ attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/ container in accordance with national regulations.

**Supplementary precautionary statements** P321 Specific treatment (see medical advice on this label).

**2.3. Other hazards**

**Other Hazards** None

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>WAX</b> CAS number: —	<b>5-10%</b>
<b>Classification</b> Eye Irrit. 2 - H319	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R36.
<b>FATTY ALCOHOL ETHOXYLATE</b> CAS number: 160901-19-9	<b>1-5%</b>
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. Xi;R41.
<b>BENZALKONIUM CHLORIDE</b> CAS number: 68424-85-1 M factor (Acute) = 10                      M factor (Chronic) = 1	<b>1-5%</b>
<b>Classification</b> Met. Corr. 1 - H290 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R21/22. C;R34. N;R50.

<b>CETYL TRIMETHYL AMMONIUM CHLORIDE</b>		<b>&lt;1%</b>
CAS number: 112-02-7		
M factor (Acute) = 10		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R22. Xi;R41,R38.	
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Aquatic Acute 1 - H400		
<b>BRONOPOL (INN)</b>		<b>&lt;1%</b>
CAS number: 52-51-7	EC number: 200-143-0	
M factor (Acute) = 10		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R21/22 Xi;R37/38,R41 N;R50	
Acute Tox. 4 - H312		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

##### **4.1. Description of first aid measures**

<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin irritation.
<b>Eye contact</b>	May cause eye irritation.

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

<b>Specific treatments</b>	Seek medical attention if irritation or symptoms persist. Symptomatic treatment
----------------------------	---

#### **SECTION 5: Firefighting measures**

##### **5.1. Extinguishing media**

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

<b>Specific hazards</b>	Burning may produce irritating, toxic and obnoxious fumes. Oxides of Carbon, Nitrogen and Sulphur.
-------------------------	--

**5.3. Advice for firefighters**

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

**6.2. Environmental precautions**

**Environmental precautions** Avoid or minimise the creation of any environmental contamination.

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

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

**6.4. Reference to other sections**

**Reference to other sections** See section 3,8 & 13 for further information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

**7.3. Specific end use(s)**

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**SHELF LIFE OF DILUTION****12 MONTHS****SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****8.2. Exposure controls****Protective equipment****Eye/face protection**

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

**Other skin and body protection**

Use barrier creams to prevent skin contact.

**Hygiene measures**

Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin.

Respiratory protection            Not relevant.

**SECTION 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

**Appearance**                      Liquid.

**Colour**                              Yellow. Orange.

**Odour**                                Pleasant, agreeable.

**pH**                                      pH (concentrated solution): 6-9

**Initial boiling point and range** 100°C @ 760 mm Hg

**Relative density**                  1.006 @ 20°C

**9.2. Other information**

**Other information**                  None.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

**Reactivity**                            No test data specifically related to reactivity available for this product or its ingredients.

**10.2. Chemical stability**

**Stability**                              Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions**    None known.

**10.4. Conditions to avoid**

**Conditions to avoid**                  Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials**

**Materials to avoid**                  None known.

Doc: MSDS 004  
Issue No. 2  
0119

**10.6. Hazardous decomposition products**

**Hazardous decomposition products**    Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity - oral**

**ATE oral (mg/kg)**                      26,315.78947368

**Acute toxicity - dermal**

**ATE dermal (mg/kg)**                    110,000.0

**Ingestion**                              May cause discomfort if swallowed.

**Skin contact**                          Skin irritation should not occur when used as recommended.

**Eye contact**                          Vapour or spray in the eyes may cause irritation and smarting.

**SECTION 12: Ecological Information**

**Ecotoxicity** Not regarded as dangerous for the environment.

**12.1. Toxicity**

**Toxicity** The product is not believed to present a hazard due to its physical nature.

**12.2. Persistence and degradability**

**Persistence and degradability** The product is biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** Not known.

**12.4. Mobility in soil**

**Mobility** The product is soluble in water.

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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

**12.6. Other adverse effects**

**Other adverse effects** None known.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

**14.3. Transport hazard class(es)**

No transport warning sign required.

**14.4. Packing group**

Not applicable.

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**  
No.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations

**15.2. Chemical safety assessment**

A chemical safety assessment has been carried out.

**SECTION 16: Other information**

<b>SDS number</b>	20890
<b>Risk phrases in full</b>	Not classified. R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. 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.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.