

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING						
<b>Product Name:</b> Coldglaze Hardener <b>Product Code:</b> SA06 <b>Company Name:</b> Sylmasta Ltd Halland House Lewes Road Scaynes Hill RH17 7PG <b>Telephone:</b> +44 (0) 1444 831459 <b>Email:</b> msds@sylmasta.com						
2. HAZARDS IDENTIFICATION						
<b>2.1. Classification of the substance or mixture</b>						
Physical hazards		Flam. Liq. 3 - H226				
Human health		Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Elicitation - EUH208 STOT SE 3 - H335 STOT RE 2 - H373				
<b>2.2. Label Elements</b>						
<b>Symbols</b>						
<b>Signal Word</b>		Danger				
<b>Hazard-Risk Statement</b>		H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains n-butyl acrylate. May produce an allergic reaction.				
<b>Precautionary Statement</b>		P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P243 Take precautionary measures against static discharge. P260 Do not breathe vapour/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 Get medical advice/attention if you feel unwell. P332+P313 If skin irritation occurs: Get medical advice/attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with national regulations.  P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P302+P352 IF ON SKIN: Wash with plenty of water. P310 Immediately call a POISON CENTER/doctor. P312 Call a POISON CENTER/doctor if you feel unwell. P321 Specific treatment (see medical advice on this label). P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.				
<b>Contains</b>		xylene, butan-1-ol				
<b>2.3. Other Hazards</b>						
3. COMPOSITION / INFORMATION ON INGREDIENTS						
<b>3.2. Mixtures</b>						
67/548/EEC / 1999/45/EC						
Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
xylene		1330-20-7	215-535-7		30-60%	Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412
ethylbenzene		100-41-4	202-849-4		5-10%	Flam. Liq. 2 - H225 Acute Tox. 4 - H332 STOT RE 2 - H373

						Asp. Tox. 1 - H304
butan-1-ol		71-36-3	200-751-6		1-5%	Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336
n-butyl acrylate		141-32-2	205-480-7		<1%	Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335 Aquatic Chronic 3 - H412

The Full Text for all H-Phrases are Displayed in Section 16

#### 4. FIRST AID MEASURES

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

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Never give anything by mouth to an unconscious person. Get medical attention if symptoms are severe or persist.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse with water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Ingestion</b>	Get medical attention immediately. Do not induce vomiting. Keep affected person warm and at rest.
<b>Note to doctor</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If in doubt, get medical attention promptly. Never give anything by mouth to an unconscious person.  The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Treat symptomatically.  Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

<b>5.1. Extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
<b>5.2. Special hazards arising from the substance or mixture</b>	Do not use water jet as an extinguisher, as this will spread the fire. Containers can burst violently or explode when heated, due to excessive pressure build-up. Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
<b>5.3. Advice for firefighters</b>	Control run-off water by containing and keeping it out of sewers and watercourses.  Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	unprotected personnel away from the spillage. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.
<b>6.2. Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground. The product is immiscible with water and will sediment in water systems. The product is immiscible with water and will spread on the water surface. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
<b>6.3. Methods and material for containment and cleaning up</b>	Absorb spillage with sand or other inert absorbent. For personal protection, see Section 8. See Section 11 for additional information on health hazards.

#### 7. HANDLING AND STORAGE

<b>7.1. Precautions for safe handling</b>	Restricted to professional users. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Store at temperatures between 5°C and 35°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store away from the following materials: Acids. Alkalis. Avoid contact with oxidising agents.  Flammable liquid storage.


#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### 8.1 Control Parameters

xylene	Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m <sup>3</sup> Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m <sup>3</sup> Sk
ethylbenzene	Long-term exposure limit (8-hour TWA): WEL 100 ppm 441 mg/m <sup>3</sup> Short-term exposure limit (15-minute): WEL 125 ppm 552 mg/m <sup>3</sup> Sk
butan-1-ol	Short-term exposure limit (15-minute): WEL 50 ppm 154 mg/m <sup>3</sup> Sk

n-butyl acrylate  
 Long-term exposure limit (8-hour TWA): WEL 1 ppm 5 mg/m<sup>3</sup>  
 Short-term exposure limit (15-minute): WEL 5 ppm 26 mg/m<sup>3</sup>  
 WEL = Workplace Exposure Limit  
 Sk = Can be absorbed through the skin.

## 8.2 Exposure Controls

8.2.1. Appropriate engineering controls	 <p>Provide adequate general and local exhaust ventilation.</p>
8.2.2. Individual protection measures	Keep container tightly sealed when not in use.
Eye / face protection	Wear eye protection.
Skin protection – Hand protection	Wear protective gloves. Provide eyewash station and safety shower.
Respiratory protection	When spraying, wear a suitable supplied-air respirator.
Hygiene Measures	Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

State	Colourless liquid.
Colour	Colourless.
Odour	Characteristic. Organic solvents.
Boiling Point	130 - 140°C
Relative density	1.02
Flash Point	23 - 60°C
Solubility(ies)	Lower flammable/explosive limit: 0.7 %
Volatile organic compound	This product contains a maximum VOC content of ~408 g/l.

## 10. STABILITY AND REACTIVITY

10.2. Chemical Stability	Stable at normal ambient temperatures and when used as recommended.
10.3 Possibility of hazardous reactions	Avoid contact with the following materials: Strong acids. Strong alkalis. Strong oxidising agents.
10.4. Conditions to Avoid	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION

### 11.1.4. Toxicological Information

Acute toxicity - oral  
 ATE oral (mg/kg) 36,666.67  
 Acute toxicity - dermal  
 ATE dermal (mg/kg) 3,497.62

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

12.1. Toxicity  
 12.2. Persistence and degradability  
 12.3. Bioaccumulative potential  
 12.4. Mobility in soil  
 12.5. Results of PBT and vPvB assessment

## 13. DISPOSAL CONSIDERATIONS


General information Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Disposal methods Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with local regulations. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

The classification of this product, when disposed of as waste is 07 01 04 ' other organic solvents'. If this product is mixed with other wastes, this code may no longer apply. If mixed with paint wastes, the appropriate code will be 08 01 11 ' waste paint or varnish containing organic solvents or other dangerous substances'. For further information contact your local waste authority.

## 14. TRANSPORT INFORMATION

Hazard pictograms	
14.1. UN Number	1263
14.2. Proper Shipping Name	PAINT RELATED MATERIAL
<b>14.3. Transport Hazard Class(es)</b>	
ADR/RID	3
IMDG	3
Subsidiary Risk	-
IATA	3
Subsidiary Risk	-
<b>14.4. Packing Group</b>	
Packing Group	III
<b>14.5. Environmental Hazards</b>	
Environmental Hazards	No
Marine Pollutant	No
<b>ADR/RID</b>	
Hazard ID	
Tunnel Category	
<b>IMDG</b>	
EmS Code	F-E, S-E
<b>IATA</b>	
Packing Instruction (Cargo)	
Maximum quantity	
Packing Instruction (Passenger)	
<b>15. REGULATORY INFORMATION</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
<b>EU legislation</b>	
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). 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).	
<b>Guidance</b>	
Workplace Exposure Limits EH40.	
<b>15.2. Chemical safety assessment</b>	
No chemical safety assessment has been carried out.	
<b>16. OTHER INFORMATION</b>	
<b>Text of risk phrases in Section 3</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. 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. H336 May cause drowsiness or dizziness. H373 May cause damage to organs (Hearing organs) through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. EUH208 Contains n-butyl acrylate. May produce an allergic reaction.
Further information: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.	