

# Simba Materials Limited t/a CTM Potters Supplies

## SAFETY DATA SHEET UNIVERSAL GENERAL MEDIUM

### SECTION 1 : Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name Universal Water Based Medium.

Product number UGM

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

Identified uses Rheology additive to Ceramic Colours.

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

Supplier CTM Potters Supplies  
Unit 7-8 Broomhouse Lane Ind Estate  
Edlington,  
Doncaster, South Yorkshire,  
UK. DN12 1EQ.  
Tel 44 (0)1709 770801  
doncaster@ctmpotterssupplies.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44(0) 1709 770801 Office Hours Mon-Friday 09:15 – 16:30 hours.

### SECTION 2 : Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

Physical Hazards Not Classified

Health Hazards Not Classified

Environmental Hazard Not Classified

#### 2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void  
· Signal word Void  
· Hazard statements NC : Not Classified

#### 2.3 Other hazards

##### Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### Section 3 : Composition/Information on ingredients

#### 3.2 Chemical characterisation: Mixtures

Description: Solution of resins and additives in a mixture of solvents

#### Hazardous components :

CAS: 57_55_6	propane_1,2_diol	substance with a Community workplace exposure limit	25_50%
EINECS: 200_338_0			

· SVHC This product does not contain any SVHC

· Additional information For the wording of the listed hazard phrases refer to section 16.

### Section : 4 First Aid Measures

#### 4.1 Description of first aid measures

##### After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

**After swallowing** In case of persistent symptoms consult doctor.

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

No further relevant information available.

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

No further relevant information available.

**Section 5 : Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing agents** CO2, sand, extinguishing powder. Do not use water.

**For safety reasons unsuitable extinguishing agents** Water.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

**5.3 Advice for firefighters**

**Protective equipment :** Wear self-contained breathing apparatus.

**Section 6 : Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures** Not required.

**6.2 Environmental precautions :** Do not allow product to reach sewage system or water bodies.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**Section 7 : Handling and storage**

**7.1 Precautions for safe handling** No special measurement required

**Information about protection against explosions and fires :** No special measures required.

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

**Storage**

**Requirements to be met by storerooms and containers :**

No special requirements.

**Information about storage in one common storage facility :**

Not required.

**Further information about storage conditions :**

Keep container tightly sealed.

**7.3 Specific end use(s)**

No further relevant information available.

**Section 8 : Exposure controls/personal protection.**

**Additional information about design of technical systems:**

The application of this product requires well exhausted firing kilns and efficient ventilation of working areas.

**8.1 Control parameters**

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

<b>57;55;6 propane;1,2;diol</b>	
WEL (Great Britain)	Long_term value: 474* 10** mg/m <sup>3</sup> , 150* ppm *total vapour and particulates **particulates

**Additional information:** The lists that were valid during the compilation were used as basis.

**8.2 Exposure controls**

**Personal protective equipment**

**General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

**Breathing equipment :** Not required.

**Protection of hands:**

Use gloves of stable material (e.g. Nitrile) \_ if necessary tricoted to improve the wearability.

**Material of gloves**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses recommended during refilling.

**Section 9 : Physical and chemical properties.****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

<b>Form :</b>	Oily
<b>Colour :</b>	According to product specification
<b>Odour :</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH;value :</b>	Neutral

**Change in condition**

<b>Melting point/Melting range :</b>	Not determined
<b>Boiling point/Boiling range :</b>	Not determined

<b>Flash point :</b>	93 °C (ISO 3679)
<b>Inflammability (solid, gaseous)</b>	Not applicable.
<b>Ignition temperature :</b>	190 °C
<b>Decomposition temperature :</b>	Not determined.
<b>Self;inflammability :</b>	Product is not self-igniting.
<b>Danger of explosion :</b>	Product is not explosive.

**Critical values for explosion:**

<b>Lower :</b>	1.2 Vol %
<b>Upper :</b>	11.6 Vol %
<b>Vapour pressure at 20 °C :</b>	0.1 hPa
<b>Density</b>	Not determined
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Water:</b>	Partly miscible
<b>Partition coefficient (n;octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic :</b>	Not determined.
<b>Kinematic :</b>	Not determined.

<b>Solvent content:</b>	
<b>Organic solvents:</b>	97.3 %
<b>Water:</b>	0.0 %
<b>VOC (EU):</b>	97.30 %

**Solids content:** 3.0 %

**9.2 Other information** No further relevant information available.

**Add. Additional information** After some time, change of colour of this product is possible without loss of characteristics.

## **Section 10 : Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

### **10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided :** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions :** No dangerous reactions known

**10.4 Conditions to avoid :** No further relevant information available.

**10.5 Incompatible materials :** No further relevant information available.

**10.6 Hazardous decomposition products :** No dangerous decomposition products known

## **Section 11 : Toxicological information**

### **1.1 Information on toxicological effects**

**Acute toxicity :** Based on available data, the classification criteria are not met.

#### **Primary irritant effect:**

**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 sensitisation :** Based on available data, the classification criteria are not met.

#### **Additional toxicological information :**

The product is not subject to classification according to the calculation method of the General EC

Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

**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.

## **Section 12 : Ecological information.**

### **12.1 Toxicity**

**Aquatic toxicity :** No further relevant information available.

**12.2 Persistence and degradability :** No further relevant information available.

**12.3 Bioaccumulative potential :** No further relevant information available.

**12.4 Mobility in soil :** No further relevant information available.

#### **Additional ecological information :**

##### **General notes:**

Water hazard class 1 (German Regulation) (Self\_assessment) : slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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

**PBT :** Not applicable.

**vPvB :** Not applicable.

**12.6 Other adverse effects :** No further relevant information available.

## **Section 13 : Disposal considerations**

### **13.1 Waste treatment methods**

#### **Recommendation**

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

#### **European waste catalogue**

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

#### **Uncleaned packagings:**

**Recommendation :** Disposal must be made according to official regulations.

**Recommended cleaning agent :** Water, if necessary with cleaning agent.

## **Section 14 : Transport information**

### **General**

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

<b>14.1 UN;Number</b>	
<b>ADR, ADN, IMDG, IATA :</b>	Not regulated
<b>14.2 UN proper shipping name</b>	
<b>ADR, ADN, IMDG, IATA :</b>	Not regulated
<b>14.3 Transport hazard class(es)</b>	
<b>ADR, ADN, IMDG, IATA Class ;</b>	Not regulated
<b>14.4 Packing group</b>	
<b>ADR, IMDG, IATA :</b>	Not regulated
<b>14.5 Environmental hazards:</b>	
<b>Marine pollutant :</b>	No
<b>14.6 Special precautions for user :</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code :</b>	Not applicable.
<b>Transport/Additional information :</b>	Not dangerous according to the above specifications.
<b>ADR · Remarks :</b>	Not regulated
<b>AND ·: Remarks :</b>	Not regulated
<b>IMDG : Remarks :</b>	Not regulated
<b>IATA : Remarks :</b>	Not regulated
<b>UN "Model Regulation" :</b>	Not regulated

### Section 15 : Regulatory information

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU**

**Named dangerous substances - ANNEX I**      None of the ingredients is listed.

#### **National regulations**

    The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

**Water hazard class**      :      Water hazard class 1 (Self\_assessment): slightly hazardous for water

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### Section 16 : Other information.

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<b>Revision</b>	2
<b>SDS Number</b>	2001
<b>SDS status</b>	Approved

#### **· Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

The information is based on our present state of knowledge and does not represent a guarantee for any product characteristics.