

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.01.2025</b>
Version	<b>2.0</b>	Print Date	<b>30.01.2025</b>
Material number	<b>N100</b>	Page	Page 1 of 12

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifier

Material number : **N100**

Trade name : **N100 White Glaze**

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

Use of the Substance/Mixture : Ceramic coating suited for firing, for glass and ceramics.

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

Company : Milton Bridge Ltd.  
Unit 9 Trent Trading Park  
Botteslow St  
Hanley  
Stoke-On-Trent  
ST1 3LY

Telephone : +441782274229

E-mail address : [djb@milton-bridge.co.uk](mailto:djb@milton-bridge.co.uk)  
Responsible/issuing person

### 1.4 Emergency telephone number

In-Country Number : +(44)-870-274229  
CHEMTREC Global Number : +(1)-703-527-3887(Call Collect)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the Reach regulation, because this material is not classified and does not require a material safety data sheet.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

according to Regulation (EC) No. 1907/2006

<b>N100</b>	<b>N100 pp25kg</b>		
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 2 of 12

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Substances with a workplace exposure limit :			
kaolin	1332-58-7 310-194-1 /		< 10

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General advice	: Do not leave the victim unattended.
If inhaled	: If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact	: Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms	: None known.
Risks	: None known.

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

Treatment	: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.
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according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 3 of 12

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

### 6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

N100		N100 pp25kg	
Product specification	N100	Revision Date	30.05.2015
Version	2.0	Print Date	07.06.2015
Material number	N100	Page	Page 4 of 12

- Advice on safe handling : For personal protection see section 8.  
No special handling advice required.  
Smoking, eating and drinking should be prohibited in the application area.
- Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
- Hygiene measures : General industrial hygiene practice.

## 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
- Advice on common storage : No special restrictions on storage with other products.  
No materials to be especially mentioned.
- Other data : Keep in a dry place. No decomposition if stored and applied as directed.

## 7.3 Specific end use(s)

- Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1 Control parameters

### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Expressed as	Basis
kaolin	1332-58-7	TWA (Respirable)	2 mg/m <sup>3</sup>		GB EH40
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m <sup>-3</sup> 8-hour TWA of inhalable dust or 4 mg.m <sup>-3</sup> 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response				

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

<b>N100</b>	<b>N100 pp25kg</b>		
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 5 of 12

	that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				
		TWA (Respirable dust)	2 mg/m3		GB EH40
Further information	For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Safety glasses

Hand protection  
Remarks : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : No personal respiratory protective equipment normally required.

Protective measures : Wear suitable protective equipment.  
When using do not eat, drink or smoke.

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 6 of 12

**Environmental exposure controls**

General advice : No special environmental precautions required.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Appearance	: powder
Colour	: white
Odour	: odourless
Odour Threshold	: No data available
pH	: No data available
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: No data available
Burning rate	: No data available
Auto-ignition temperature	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative density	: No data available
Bulk density	: No data available
Solubility(ies)	
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: Not applicable

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 7 of 12

Thermal decomposition : No data available

Viscosity  
Viscosity, dynamic : Not applicable

Explosive properties : No data available

## 9.2 Other information

No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended storage conditions.  
No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

### 10.4 Conditions to avoid

Conditions to avoid : No data available

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : Stable under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Product:

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

<b>N100</b>	<b>N100 pp25kg</b>		
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 8 of 12

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

### **Respiratory or skin sensitisation**

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

#### **Product:**

Remarks: No data available

### **Germ cell mutagenicity**

Not classified based on available information.

### **Carcinogenicity**

Not classified based on available information.

### **Reproductive toxicity**

Not classified based on available information.

### **STOT - single exposure**

Not classified based on available information.

### **STOT - repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

### **Further information**

#### **Product:**

Remarks: No data available

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

#### **Product:**

Ecotoxicology Assessment

Acute aquatic toxicity

: This product has no known ecotoxicological effects.

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 9 of 12

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

## 12.2 Persistence and degradability

### Product:

Biodegradability : Remarks: No data available

### Components:

#### **kaolin:**

Biodegradability : Remarks: No data available

## 12.3 Bioaccumulative potential

### Product:

Bioaccumulation : Remarks: No data available

### Components:

#### **kaolin:**

Bioaccumulation : Remarks: No data available

## 12.4 Mobility in soil

### Product:

Distribution among environmental compartments : Remarks: No data available

### Components:

#### **kaolin:**

Distribution among environmental compartments : Remarks: No data available

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

## 12.6 Other adverse effects

### Product:

Additional ecological information : Remarks: No data available  
There is no data available for this product.

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 10 of 12

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Contaminated packaging : Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Ship type : N/A  
Pollution category : N/A

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Chemical Weapons Convention (CWC) : Neither banned nor restricted  
Schedules of Toxic Chemicals and Precursors

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Neither banned nor restricted

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

<b>N100</b>		<b>N100 pp25kg</b>	
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 11 of 12

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

: Neither banned nor restricted

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

: This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV)

: Neither banned nor restricted

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer

: Neither banned nor restricted

Regulation (EC) No 850/2004 on persistent organic pollutants

: Neither banned nor restricted

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

### The components of this product are reported in the following inventories:

REACH	: On the inventory, or in compliance with the inventory
CH INV	: On the inventory, or in compliance with the inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
TW INV	: Not in compliance with the inventory
MY INV	: Not in compliance with the inventory
TR INV	: Not in compliance with the inventory

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

<b>N100</b>	<b>N100 pp25kg</b>		
Product specification	<b>N100</b>	Revision Date	<b>30.05.2015</b>
Version	<b>2.0</b>	Print Date	<b>07.06.2015</b>
Material number	<b>N100</b>	Page	Page 12 of 12

## Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA), CH INV (Switzerland), MY INV (Malaysia), TR INV (Turkey), TW INV (Taiwan)

## 15.2 Chemical Safety Assessment

Not applicable

## SECTION 16: OTHER INFORMATION

eSDS Information : This material contains substances for which exposure scenarios have been completed. Please contact [djb@milton-bridge.co.uk](mailto:djb@milton-bridge.co.uk) to receive a copy of the exposure assessments.

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.