



# Trade Name: **KEIM MX GLAZE CLEAR (RESIN)**

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Trade name:** **KEIM MX GLAZE CLEAR (RESIN)**

Keim MX Glaze Clear is an engineered siloxane coating (resin component).

**Supplier/distributor:**

Keim Mineral Paints Ltd  
Muckley Cross  
Morville  
Nr. Bridgnorth  
Shropshire  
WV16 4RR

Tel: 01746 714543  
Fax: 01746 714526

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

Substances presenting a hazard within the meaning of the Chemicals (Hazard Information and Packaging) Regulations 1993 and subsequent amendments (Directives 67/548/EEC, 88/379/EEC).

Chemical name*	CAS no.	%	Symbol	R-phrases
Epoxy resin	25068-38-6	10-30	Xi, N	36/38, 43, 51,53
Hydroxyphenyl-benzotriazole derivatives		1-5	Xn, N	R43, 48/22, 51/53

\*Occupational Exposure Limit(s), if available, are listed in Section 8

## 3. HAZARDS IDENTIFICATION

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Physical/chemical hazards** : Not applicable  
**Human health hazards** : Irritating to eyes and skin, may cause sensitisation by skin contact  
**Environmental hazards** : Not applicable

## 4. FIRST AID MEASURES

**General information:**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person

**Inhalation:** If inhaled remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a doctor immediately. Loosen tight clothing.





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**Skin contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Small fire: use dry chemical powder.  
Large fire: Use water spray, fog or foam. Do not use water jet.

**Special fire-fighting methods:** Decomposition products thermal decomposition may release hazardous gases. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. Use water spray to keep fire exposed containers cool. Prevent entry into sewers, basements or confined areas; dike if needed.

### 6. ACCIDENTAL RELEASE MEASURES

**Environmental Precautions  
and clean-up methods:**

Flammable liquid

Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry onto sewers, basements or confined areas; dike if needed. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

### 7. HANDLING AND STORAGE

**Handling:** *Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin and eyes. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.*

**Storage:** *Store in a segregated and approved area. Keep in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Do not store below 5°C or above 40°C. Store away from direct sunlight. This product should be stored away from oxidising materials and strong bases/acids.*





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### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Engineering measures:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure adequate wash facilities are available.

**Ingredient name**

**Occupational exposure limit**

Epoxy resin

not available

Hydroxyphenyl-benzotriazole derivates not available

Ingredient comments: All personal protective equipment, including respiratory equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

**Respiratory system:** Provide adequate ventilation. Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s). Vapour respirator or a self-contained breathing apparatus. Be sure to use an approved/certified respirator or equivalent.

**Skin and Body:** Overalls buttoned to the neck and wrist. Remove contaminated clothing and shoes. Wash contaminated skin with soap and water.

**Hands:** Protective gloves and protective skin cream. After handling, always wash hands thoroughly with soap and water.

**Eyes:** Eye protection: Chemical safety goggles should be worn under normal conditions of use. Selection of specific eye protection depends on work activity and amount of product released.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Boiling Point::</b>	120.3°C (248.5°F)
<b>Density:</b>	1.136 g/cm <sup>3</sup> at 25°C (77°F)
<b>Vapour Density:</b>	>1 (Air = 1)
<b>Vapour pressure:</b>	6.4 kPa (@ 20°C)
<b>Flash point:</b>	Closed cup: 97°C (206.6°F). (Setaflash.)
<b>Auto ignition temperature:</b>	270°C (518°F)
<b>Explosion limits:</b>	<b>LOWER:</b> 2.3% <b>UPPER:</b> 13.7%

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	This product is stable.
<b>Conditions to avoid:</b>	Do not store below 5°C or above 40°C
<b>Materials to avoid:</b>	This product should be stored away from oxidising materials and strong bases/acids.
<b>Hazardous Decomposition Products:</b>	Decomposition products thermal decomposition may release hazardous gases. These products are carbon oxides (CO, CO <sub>2</sub> ) nitrogen oxides (NO, NO <sub>2</sub> )





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### 11. TOXICOLOGICAL INFORMATION

**Local effects:**

**Skin irritation:**

Hazardous in case of skin contact (irritant)

**Eye irritation:**

Hazardous in case of eye contact (irritant)

**Sensitisation:**

Hazardous in case of skin contact (sensitiser)

**Acute toxicity:**

LD50: not available

LC50: not available

**Chronic toxicity:**

Repeated or prolonged exposure is not known to aggravate medical condition.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Not available. Prevent entry into sewers, basements or confined areas; dike if needed.

### 13. DISPOSAL CONSIDERATIONS

Dispose of this material and its container at hazardous or special waste collection points. Waste must be disposed of in accordance with local environmental control regulations.

### 14. TRANSPORT INFORMATION

Labelling and packaging requirements may vary with pack and load size. Please refer to the current transport regulations.

Transport within user's premises always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

Not controlled under ADR (Europe)

Not controlled under IMDG

Marine pollutant: Nor marine pollutant





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### 15. REGULATORY INFORMATION

**EU Regulations:**

The product is labelled as follows, in accordance with local regulations.

**Hazard symbols(s):**



**Classification:**

Irritant

**Risk phrases:**

R36/38:

Irritating to eyes and skin.

R43:

May cause sensitisation by skin contact.

**Safety Phrases:**

S23:

Do not breathe gas/fumes/vapour/spray

S24:

Avoid contact with skin.

S37:

Wear suitable gloves.

S38:

In case of insufficient ventilation, wear suitable respiratory equipment.

S46:

If swallowed seek medical advice immediately and show this container or label.

S51:

Use only in well-ventilated areas.

**Additional warning phrases:**

Contains epoxy constituents.

**UK Regulatory references:**

This product is classified and labelled for supply in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations 1993 and subsequent amendments (Directive 88/379/EEC). The safety data sheet does not constitute the users own assessment of the workplace risk as required by other health and safety legislation e.g. the Control of Substances Hazardous to Health (COSHH) Regulations. The Manual Handling operations Regulations may apply to the handling of containers/packages of this product.

### 16. OTHER INFORMATION

**Sources of key data used to compile this data sheet:** The information contained in this Safety Data Sheet is intended to assist in use of the above product without the risk to safety or health and is based on current knowledge and experience. The data does not signify any warranty with regard to the product's properties.

