



Trade Name: **KEIM MX GLAZE THINNER**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade name: KEIM MX GLAZE THINNER

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 health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

Chemical name*	CAS no.	%	Classification
n-butyl acetate	123-86-4	60-100	R10 R66, 67

See section 16 for the full text of the R Phrases declared above

*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 :	Flammable
Human health hazards :	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
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





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Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. DO NOT use solvents or thinners.

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

Ingestion: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Recommended: alcohol resistant foam, CO₂, powders, water spray.

Not to be used: waterjet

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.

Spill: Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

Note: See sections 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.





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In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

To dissipate static electricity during transfer, earth drum and connect to receiving container with bonding strap. Operators should wear anti-static footwear and clothing and floors should be of the conducting type.

Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particles and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Put on appropriate personal protective equipment (see Section 8).

Never use pressure to empty: container is not a pressure vessel. Always keep in containers of same material as the original one.

Comply with health and safety at works laws.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

Storage: Store in accordance with local regulations. Observe label precautions. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Keep away from: OXIDISING AGENTS, strong alkalis, strong acids.
No smoking. Prevent unauthorised access. Containers which are opened must be carefully released and kept upright to prevent leakage.
Do not empty into drains.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures:

Provide adequate ventilation. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.





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Ingredient name

n-butyl acetate

Occupational exposure limit

EH40-OES (United Kingdom (UK), 2002). Notes: OES

STEL: 966 mg/m³ 15 minute(s).

STEL: 200 ppm 15 minute(s).

TWA: 724 mg/m³ 8 hour(s)

TWA: 150 ppm 8 hour(s)

Personal Protective Equipment

Respiratory system If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Skin and Body Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Hands For prolonged or repeated handling, use gloves: nitrile.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eyes Use safety eyewear designed to protect against splash of liquids.

Environmental exposure control

Do not allow to enter drains or watercourse

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Odour: Solvent.

Colour: Clear

Flash point: Closed cup: 27°C (80.6°F). (Setaflash.)

Specific gravity: 0.88 g/cm³ (25°C/77°F)

Vapour density: >1 (Air = 1)

Explosion Limits: LOWER: 1.2% UPPER: 7.5%

Solubility: Not available.

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see section 7).

Hazardous Decomposition Products: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Keep away from the following materials in order to avoid strong exothermic reactions: OXIDISING AGENTS, strong alkalis, strong acids.

11. TOXICOLOGICAL INFORMATION

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See sections 2 and 15 for details. See Chapters 2 and 15 for details.





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Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Solvents may cause some of the above effects by absorption through the skin. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin. The liquid splashed in the eyes may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself.
Do not allow to enter drains or watercourse.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for eco-toxicological properties accordingly. See Sections 2 and 15 for details.

13. DISPOSAL CONSIDERATIONS

Do not allow to enter drains or watercourse.

Dispose of according to all federal, state and local applicable regulations.

14. TRANSPORT INFORMATION

Land – Road/Railway

UN number:	1263
Transport document name:	Paint related material.
ADR/RID Class:	3
Packing group:	III
ARD/RID label:	



Hazard identification number:	30
Hazchem UK:	3Y
Road Transport notes:	Category 3



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UN number: 1263
 Transport document name: Paint related Material
 ADR/RID Class: 3
 Packing group: III
 IMDG label:



Marine pollutant: No.
 Emergency Schedules (EmS): 3-05

Air

UN number: 1263
 Transport document name: Paint related Material
 ADR/RID Class: 3
 Packing group: III
 ICAO/IATA label:

**15. REGULATORY INFORMATION****EU Regulations:**

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

Risk phrases:	R10:	Flammable
	R66:	Repeated exposure may cause skin dryness or cracking.
Safety Phrases:	R67:	Vapours may cause drowsiness and dizziness.
	S23:	Do not breathe gas/fumes/vapour/spray
	S24:	Avoid contact with skin.
	S38:	In case of insufficient ventilation, wear suitable respiratory equipment.

16. OTHER INFORMATION

Full text of R-Phrases with no. : R10 **Flammable**
 Appearing in Section 2 - United Kingdom (UK) : R66 Repeated exposure may cause skin dryness or cracking
 : R67 Vapours may cause drowsiness and dizziness.





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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.

