



## SAFETY DATA SHEET Glaze Protector

### 1. IDENTIFICATION OF PRODUCT & COMPANY

Product Name:	<b>Glaze Protector</b>
Details of company:	LTP Tone Industrial Estate Milverton Road Wellington Somerset TA21 0AN
Telephone:	01823 666 213
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<b>EMERGENCY TELEPHONE</b>	<b>01823 666 213 Office Hours Monday-Friday 8.30 – 5.30</b>

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Eye irritation, Category 2 (Eye Irrit. 2, H319).

May produce an allergic reaction (EUH208).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

##### **In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.**

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2 Label elements

##### **In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS07

Signal Word :

WARNING

Additional labeling :

EUH208

Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Hazard statements :

H319

Causes serious eye irritation.

Precautionary statements - General :

P102

Keep out of reach of children.

Precautionary statements - Prevention :

P262

Do not get in eyes, on skin, or on clothing.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

# Glaze Protector

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

## 2.3 Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH:

<http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC1907/2006.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Composition :

Identification	(EC) 1272/2008	67/548/EEC	Note	%
INDEX: 34590948 CAS: 34590-94-8 EC: 252-104-2 REACH: 01-2119450011-60  DIPROPYLENE GLYCOL MONOMETHYLIQUE ETHER			[1]	2.5 <= x % < 10
INDEX: 2530838 CAS: 2530-83-8 EC: 219-784-2 REACH: 01-2119513212-58-0002  (3-(2,3-ÉPOXYPROPOXY)PROPYL)TRIMÉT HOXSILANE	GHS05 Dgr Eye Dam. 1, H318	Xi Xi;R41		0 <= x % < 2.5
INDEX: 613-088-00-6 CAS: 2634-33-5 EC: 220-120-9  1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS05, GHS07, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1	Xn,N Xn;R22 Xi;R38-R41-R43 N;R50		0 <= x % < 2.5

#### Information on ingredients:

[1] Substance for which maximum workplace exposure limits are available.

## 4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

### 4.1 Description of first aid measures

**In the event of exposure by inhalation:** In the event of an allergic reaction, seek medical attention.

**In the event of splashes or contact with eyes:** Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

**In the event of splashes or contact with skin:** In the event of an allergic reaction, seek medical attention.

**In the event of swallowing :** Seek medical attention, showing the label.

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

No data available.

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

No data available.

## 5. FIREFIGHTING MEASURES

Non-flammable.

### 5.1 Extinguishing media

# Glaze Protector

## 5.2 Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)
- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)

## 5.3 Advice for firefighters

No data available.

## 6. ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For non first aid worker

Avoid any contact with the skin and eyes.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2 Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

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

Clean preferably with a detergent, do not use solvents.

### 6.4 Reference to other sections

No data available.

## 7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1 Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

#### Fire prevention :

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

#### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

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

No data available.

#### Storage

Keep out of reach of children.

#### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3 Specific end use(s)

No data available.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits :

- European Union (2009/161/EU, 2006/15/EC, 2000/39/EC, 98/24/EC)

CAS	VME-mg/m <sup>3</sup> :	VME-ppm :	VLE-mg/m <sup>3</sup> :	VLE-ppm :	Notes :
34590-94-8	308	50	-	-	Peau
- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :					
CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
34590-94-8	100 ppm	150 ppm	-	-	-
- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :					
CAS	VME :	VME :	Excess	Notes	
34590-94-8	50 ml/m <sup>3</sup>	310 mg/m <sup>3</sup>	1(l)	DFG, EU	
- France (INRS - ED984 :2008) :					
CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes : TMP No :
34590-94-8	50	308	-	-	* 84

# Glaze Protector

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :  
CAS                      TWA :                      STEL :                      Ceiling :                      Definition : Criteria :  
34590-94-8              50 ppm                      -                      -                      -                      -

## 8.2 Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Store personal protective equipment in a clean place, away from the work area.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

#### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)
- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

#### - Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General information :

Physical state :                      Fluid liquid.

Colour                                      Colourless

Odours                                      Resin

#### Important health, safety and environmental information

pH :    Not stated.

    Neutral.

Boiling point/boiling range :              Not relevant.

Flash point interval :                              Not relevant.

Vapour pressure (50°C) :                              Not relevant.

Density :    = 1

Water solubility :                                      Dilutable.

Melting point/melting range :                      Not relevant.

Self-ignition temperature :                              Not relevant.

Decomposition point/decomposition range :      Not relevant.

### 9.2 Other information

pH :    8

# Glaze Protector

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Avoid :- frost

### 10.5 Incompatible materials

### 10.6 Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

- nitrogen oxide (NO)

- nitrogen dioxide (NO<sub>2</sub>)

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

May have reversible effects on the eyes, such as eye irritation, which is totally reversible by the end of observation at 21 days.

2-butoxyethanol and its acetate are absorbed directly through the skin and have harmful effects on the blood.

#### 11.1.1 Substances

No toxicological data available for the substances.

#### 11.1.2 Mixture

##### Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### 12.1.2 Mixtures

No aquatic toxicity data available for the mixture.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

## 13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1 Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

# Glaze Protector

## 14. TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR2013 - IMDG 2012 - ICAO/IATA 2014).

**14.1 UN number**

3082

**14.2 UN proper shipping name**

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(1,2-benzisothiazol-3(2h)-one)

**14.3 Transport hazard class(es)**

- Classification :



9

**14.4 Packing group**

III

**14.5 Environmental hazards**

- Environmentally hazardous material :



**14.6 Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5 L	274 335 601	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	9	-	III	5 L	F-A,S-F	274 335	E1

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	964	450 L	964	450 L	A97 A158	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.  
For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data available.

## 15. REGULATORY INFORMATION

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

- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

- Directive 1999/45/EC and its adaptations

- Container information:

No data available.

- Particular provisions :

No data available.

**15.2 Chemical safety assessment - No data available.**

# Glaze Protector

## 16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

No labelling requirements for this mixture.

### Title for H, EUH and R indications mentioned in section 3 :

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
R 22	Harmful if swallowed.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 50	Very toxic to aquatic organisms.

### Abbreviations :

ADR :	European agreement concerning the international carriage of dangerous goods by Road.
IMDG :	International Maritime Dangerous Goods.
IATA :	International Air Transport Association.
ICAO :	International Civil Aviation Organisation
RID :	Regulations concerning the International carriage of Dangerous goods by rail.
WGK :	Wassergefährdungsklasse (Water Hazard Class).
GHS07 :	Exclamation mark

### Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.