

EEC SAFETY DATA SHEET IN ACCORDANCE WITH DIRECTIVE 1272/2008

Revision date : 31/10/2023

Version 1 2019.

Number of pages: 7

MATERIAL SAFETY DATA SHEET

**1. IDENTIFICATION OF SUBSTANCE/
PREPARATION AND MANUFACTURER.**

1.1 Product identification: Matt No Tack/Gloss No Tack

**1.2 Intended use/
description:** Water based top coat sealer

1.3 Company: Tyges ltd
Unit 6h Paynes Business Park, Dereham Road,
Beeston, Norfolk, PE32 2NQ
E-Mail: info@tyges.co.uk
Tel: 0044 (0) 7702616255

**1.4 Emergency telephone
numbers:** 0044 (0) 7702616255 or contact you countries
respective control centre

2. HAZARDS IDENTIFICATION

2.0a Chemical characterization: Mixture

2.1 Classification of the substance or mixture.
Classification according to regulation (EC) 1272/2008 (CLP/GHS)

Not classified as hazardous for supply/use

2.2 Label Elements.
This product is labeled according to Regulation (EC) 1272/2008

Hazard Pictograms None

Signal word none

2.3 Other hazards
Results of PBT and vPvB assessment

PBT; not applicable

vPvB; not applicable

3. INFORMATION ON INGREDIENTS

3.1 Composition/information on ingredient.

Tyges ltd
Unit 6h Paynes Business Park, Dereham Road, Beeston, Norfolk, PE32 2NQ
E-Mail: info@tyges.co.uk Tel: 07702616255.
Company number: 11675264
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3.2 Mixture

Mixture.

Product/ingredient name

2-(2-butoxyethoxy) ethanol

Identifiers

REACH #:
01-2119475104-44
EC: 203-961-6
CAS: 112-34-5
Index:
603-960-00-8

%

>=1 - <5

67/548/EEC

Xi; R36

Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2, H319

Type

[1] [2]

4. FIRST AID MEASURES.

4.1 Description of first aid measures.

General advice

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

If inhaled

Supply fresh air, consult doctor in case of complaints.

In case of skin contact

Wash with plenty of water/soap. In case of skin reactions consult a doctor.

In case of eye contact

Rinse carefully with water for several minutes. If eye irritation persists seek medical attention. Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.

If swallowed

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

4.2 Most important symptoms and effects

4.3 Indication of any immediate medical attention or special

There are no data available on the mixture itself. The mixture is not classified as dangerous according to Directive 1999/45/EC and its amendments.

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treatment

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in nonallergic contact dermatitis and absorption through the skin. If splashed in the eyes, the liquid may cause irritation and reversible damage. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media.

Recommended: alcohol-resistant foam, CO₂, powders, water spray.

Suitable extinguishing media

Fire will produce dense black smoke.

5.2 Special hazards arising from the substance or mixture.

Exposure to decomposition products may cause a health hazard.

Special exposure hazards arising from the substance itself, its combustion products or released gases

In case of fire; wear self-contained breathing apparatus

5.3 Advice for firefighters

Do not use water jet. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.

Special protective equipment firefighting

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal precautions:

Avoid breathing vapour or mist.

6.2 Environmental precautions:

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations..

6.3 Methods for cleaning up:

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents

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6.4 Additional
information:Personal protective equipment see section 8.
Disposal see section 13

7. HANDLING AND STORAGE:

7.1 Precautions for
safe handling:Advice on safe
handling

Avoid contact with skin and eyes. Avoid inhalation of vapour, spray or mist.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Put on appropriate personal protective equipment (see Section 8).
Never use pressure to empty. Container is not a pressure vessel.
Always keep in containers made from the same material as the original one.
Comply with the health and safety at work laws.
Do not allow to enter drains or watercourses.

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.

7.2 Conditions for
safe storage:

Store in accordance with local regulations.
Notes on joint storage.
Keep away from: oxidising agents, strong alkalis, strong acids.
Additional information on storage conditions
Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight.
Keep container tightly closed.
No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/ PERSONAL
PROTECTION:8.1 Control
parameters:Product/ingredient
name

2-(2-butoxyethoxy) ethanol

Exposure limit
values

EH40/2005 WELs (United Kingdom (UK), 12/2011).
TWA: 67,5 mg/m³ 8 hours. Form:
STEL: 15 ppm 15 minutes.
TWA: 10 ppm 8 hours.
STEL: 101,2 mg/m³ 15 minutes.

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the

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Recommended
monitoring
procedures

necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

2-(2-butoxyethoxy)ethanol

DNELs/DMELs
Product/ingredient
name8.2 Exposure
controls:
Respiratory
protection
Hand protectionNot required if room is well ventilated
Wear suitable gloves e.g Polychloroprene -CREye protection
Skin and body
protection
General protective
and hygiene
measuresWear protective eye glasses
Wear suitable protective clothing
Avoid contact with skin and eyes

9 PHYSICAL AND CHEMICAL PROPERTIES:

Physical state: Liquid

Colour: White

Odour: Characteristic

pH: 4-6

Boiling Point/ boiling range: 100°C

Melting point/melting range: °C N/A

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Flash point: °C

N/A

Flammability °C:

N/A

Explosive properties:

Product is none explosive.

Oxidising properties:

N/A

Vapor pressure at 20°C:kPa

N/A

Relative density: g/cm³ @20°C

1.0 – 1.1

Solubility in water:

Fully miscible

Viscosity at 20°C (Approximate)

200,000 cps 4/20 @ 20 rpm

Solids content: (Approximate)

Approx. 80%

Vapour density: (mbar)

N/A

10. STABILITY REACTIVITY:

10.1 Reactivity

No hazardous reactions when handled and stored according to provisions.

10.2 Chemical stability

No hazardous reactions when handled and stored according to provisions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

N/A

10.5 Incompatible materials

N/A

10.6 Hazardous decomposition products

N/A

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects:
Hazardous ingredients

Subacute, subchronic, chronic toxicity;

No data available

Irritant effect on skin:

Not an irritant.

Irritant effect on eyes:

Not an irritant.

Sensitization:

No sensitizing effects known

Carcinogenic effects:

No data available.

Mutagenicity:

No indication

Reproduction toxicity:

No data available

Caustic effect:

Not corrosive

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12. ECOLOGICAL INFORMATION:

12.1 Toxicity

Toxicity to fish (mg/L) N/A

Toxicity to Daphnia (mg/L) N/A

Toxicity to Algae (mg/L) N/A

12.2 Persistence and biodegradability: No data available

12.3 Bioaccumulative potential No data available

12.4 Mobility in soil According to REACH annex XIII, the substances in the mixture do not meet the PBT/vPvB criteria.

12.5 Results of PBT and vPvB assessment
No data available

12.6 Other adverse effects

13. DISPOSAL CONSIDERATIONS:

13.1 Waste Treatment methods

Do not dispose of with household waste. Do not allow to enter drains. Dispose of waste according to applicable regulations.

Disposal

Handle contaminated packages the same as the material itself.

Uncleaned empty packaging

Water (with cleaning agent)

Retain contaminated washing water and dispose.

Suitable cleaning agents

14 TRANSPORT INFORMATION:

Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
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14.1 UN No. Not applicable Not applicable Not applicable

14.2 UN proper shipping name Not dangerous goods Not dangerous goods Not dangerous goods

14.3 Transport hazard class(es) Not applicable Not applicable

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14.4 Packaging group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	Not applicable	Not applicable	Not applicable
14.6 Special precautions for user;	Not applicable		
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code;	Not applicable		

15. REGULATORY INFORMATION:**15.1 Chemical safety assessment: Not applicable****Further information**

This information must be passed onto any employee, customers, agents and contractors involved with the handling of this product. The information is based on current knowledge and is intended to describe the safety requirements of this product. It is not a guarantee of specific properties.

The data only applies if the product is used as intended. The product should not be used for purposes other than intended without seeking advice from the manufacturer.

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