



MSDS Ref:
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Triton Systems
Units 3-5 Crayford Commercial Centre, Greyhound Way
Crayford, Kent DA1 4HF
Tel: 01322 318830 Fax: 01322 524017
www.tritonsystems.co.uk info@tritonsystems.co.uk

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1. PRODUCT NAME

TRITON TT SWELLSEAL MASTIC

2. HAZARD IDENTIFICATION



Harmful to swallow.
Irritating to eyes, respiratory organs and skin.

3. COMPOSITION

CONTENTS	Polyisocyanate (Prepolymers) of Diphenylmethanediisocyanate & Methylphenylenediisocyanate, fillers and auxiliaries.
CAS No.	Does not apply (polymer, without Monomer)
EG No.	Does not apply (polymer, without Monomer)

4. FIRST AID

GENERAL DIRECTIONS	Immediately change product-stained clothes.
CONTACT WITH SKIN	Remove mechanically, wash immediately with soap and water and rinse will.
CONTACT WITH EYES	Wash with eye-lid open, rinse with running water. Seek medical attention.
INGESTION	Drink plenty of water. Go in the fresh air. Seek medical attention. By no means induce vomiting.
INHALATION	Seek medical attention.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHER MEDIA:	Carbon dioxide, powder or water jet. In a larger fire, use water spray or foam.
SPECIAL PROTECTIVE EQUIPMENT	Use breathing apparatus with independent air supply essential.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL ENVIRONMENT	Do not allow in drainage or groundwater.
ENVIRONMENTAL PROCEDURE FOR CLEANING AND REMOVAL	Remove with liquid-absorbing materials (Kieselguhr, sawdust, oil binder). Place in disposal bins. Do not close – Carbon Dioxide development – Danger of bursting. Leave in a safe place for a number of days. The product reacts with water and sets.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS

Keep containers dry and closed tightly. Avoid heating over 60°C and cooling under 10°C. Ensure adequate ventilation or extraction of the work place. protect from heat. In the event of fire, cool the containers with water.

STORAGE INFORMATION

Store in a cool place. Maximum storage temperature 60°C. Do not store with oxidising materials.

FURTHER INFORMATION

Do not store more than 6 months.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE EXPOSURE LIMITS:

CAS No.

Description of material:

%:

Form:

Value:

Standard:

Additional Information:

Diisocyanate polymers on MDI and TDI basis.

Approx. 22

Does not apply

Does not apply

Does not apply

Basically the slits shown.

PERSONAL PROTECTION



In accordance with the specification of the Association for joint working.

Keep away from food, drinks and animal feeds. Immediately change clothes soiled by the product. Wash hands before meals and at the end of work.

Protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Non flowing paste
Odour	Typically faint
pH	
Flash Point	180°C
Explosion Limits	No danger of explosion

Colour	Red, brown, blue or black
Vapour Pressure	0.001 hPa at 20°C
Density	Approx. 1.3 g/ml at 20°C
Water Solubility	Totally Miscible (product emulsifies)
Ignition Temperature	250°C

10. STABILITY AND REACTIVITY

STABILITY

Does to apply.

CONDITIONS TO AVOID

No decomposition by correct handling and storage.

DANGEROUS REACTIONS

Not Known.

DANGEROUS DECOMPOSITION PRODUCTS

Upon burning Carbon Monoxide, Nitric Oxide, Isocyanate vapour and traces of Hydrogen Cyanide.



11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	None by correct use. Over-exposure, especially inhalation of aerosol vapours. Danger dependant on concentration. Irritation of the respiratory organs in over-sensitive people – breathing difficulties, coughing, asthma.
PRIMARY IRRITATION EFFECT OF THE SKIN:	Can irritate the skin and mucous membrane.
PRIMARY IRRITATION EFFECT OF THE EYES:	Irritation
SENSITIVITY	Possible with sensitive people on contact with skin.

12. ECOLOGICAL INFORMATION

WATER HARMFULNESS:	Class 1 – slightly harmful to water (own classification, WKG, Germany)
GENERAL INSTRUCTIONS:	Do not discharge into ground water, drainage or rivers.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT	Product reacts with water and sets to a physiologically harmless Polyurea solid. The product can therefore be rendered inert by mixing with water and can be disposed of in solid form like domestic refuse.
DISPOSAL OF PACKAGING	Dispose according to local laws. Product can be rendered harmless by filling with water in open bins.
RECOMMENDED CLEANING MATERIAL	Remove mechanically with sand, sawdust or oil binder or spray with water.
REFUSE KEY NUMBER	55905

14. TRANSPORT INFORMATION

ADR/RID & GGVS/GGVE	None
E-Class	None
Numbers/letters	None
Mail Delivery	Not allowed (in Germany)
Express goods	

15. REGULATION INFORMATION

SYMBOLS:	Xn, mildly toxic, contains prepolymers from 4,4 Diphenylmethane – (MDI) and Methylphenylene – (TDI) – Diisocyanate.
RISK PHRASES	R20: Harmful to health on inhalation R36/37/38 Irritates eyes, respiratory organs and skin R42: Sensitivity possible through inhalation



15. REGULATION INFORMATION (cont'd)

SAFETY PHRASES

S26: In case of contact with eyes, wash well with water and seek medical advice.
S28: In case of contact with skin, wash immediately with soap and water.
S28: Without adequate ventilation, wear breathing apparatus.
S45: In the event of an accident or feeling unwell, seek medical advice. If possible, present this safety data sheet/label.

READ ALL PRECAUTIONS BEFORE USE

The (COSHH) Control of Substances Hazardous to Health Regulations 1988 may apply to the use of this product at work. Engineering control of operator exposure must be used where reasonably practicable in addition to the following items of personal protective equipment.

WEAR SUITABLE PROTECTIVE CLOTHING, gloves and eye/face protection.

IN CASE OF CONTACT WITH EYES rinse immediately with plenty of water and seek medical advice.

AFTER CONTACT WITH SKIN, wash immediately with plenty of clean water.

KEEP OUT OF REACH OF CHILDREN.

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), THE Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data sheet is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

Abbreviations: OES – occupational exposure standard. STEL – short-term exposure limit. LTEL – long term exposure limit. TWA – time weighted (8 hour) average. LEL – lower explosive limit. UEL – upper explosive limit.