



SAFETY DATA SHEET

TLOCK3

Page 1

Issued: 27/05/2010

Revision No: 3

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product name:TLOCK3

Product code: TLk2003

Company name: Tough Technology Products Ltd

Eaton Place Business Centre
114 Washway Road
Sale
Cheshire
M33 4FJ
England
Tel (0044) 161 9699939
Fax (0044) 161 9699939
Mob (0044) 7785 257565
Sales@ttproducts.com

2. HAZARDS IDENTIFICATION

Classification under CHIIHarmful by inhalation. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Workplace exposure limitThis substance does not have a workplace exposure limit.

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/ECThis mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:METHACRYLIC DIESTER OF POLYETHYLENE GLYCOL >90%

CAS: 25852-47-5

[Xi] R36/38

- SACCHARIN (*WEL) 1-10%

EINECS: 201-321-0 CAS: 81-07-2

- 1,2,3,4-TETRAHYDROQUINOLINE <1%

CAS: 635-46-1

[Xn] R20/21/22; [Xi] R36/38

- 2-HYDROXYETHYL METHACRYLATE 1-10%

EINECS: 212-782-2 CAS: 868-77-9

[Xi] R36/38; [Sens.] R43

- CUMENE HYDROPEROXIDE 1-10%

EINECS: 201-524-7 CAS: 80-15-9

[O] R7; [Xn] R21/22; [T] R23; [C] R34; [Xn] R48/20/22; [N] R51/53

- CUMENE <1%

[cont...]

EINECS: 202-704-5 CAS: 98-82-8

[-] R10; [Xi] R37; [N] R51/53; [Xn] R65

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighter: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precaution: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredient: SACCHARIN

EU - 8 hour TWA: 5 mg/m³ (Respirable dust)

- CUMENE

UK - 8 hour TWA: 125 mg/m³

UK - 15 min. STEL: 250 mg/m³

Engineering measures Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection Self-contained breathing apparatus must be available in case of emergency.

Hand protection Impermeable gloves.

Eye protection Safety glasses. Ensure eye bath is to hand.

Skin protection Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid Heat.

Materials to avoid Strong oxidising agents. Strong acids.

Haz. decomp. products In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute effects: Harmful by inhalation. Irritating to respiratory system and skin. Risk of serious damage to eyes.

Sensitisation: May cause sensitisation by skin contact.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effect: Toxic to aquatic organisms. Toxic to soil organisms.

PBT identification This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

Disposal operations Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: Not classified

IMDG / IMO

UN no: Not classified

IATA / ICAO

UN no: Not classified

15. REGULATORY INFORMATION (CHIP)

Hazard symbols:Harmful.



Risk phrases:R20: Harmful by inhalation.

R37/38: Irritating to respiratory system and skin.

R41: Risk of serious damage to eyes.

R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:S24: Avoid contact with skin.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39: Wear suitable gloves and eye / face protection.

Haz. ingredients (label):2-HYDROXYETHYL METHACRYLATE; CUMENE HYDROPEROXIDE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other informationThis safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.R36/38: Irritating to eyes and skin.

SAFETY DATA SHEET

TLOCK3

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R43: May cause sensitisation by skin contact.

R7: May cause fire.

R21/22: Harmful in contact with skin and if swallowed.

R23: Toxic by inhalation.

R34: Causes burns.

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10: Flammable.

R37: Irritating to respiratory system.

R65: Harmful: may cause lung damage if swallowed.

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.