



SAFETY DATA SHEET

T514 THINNERS

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Issued: JUNE 2008

Revision No: 2

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

Product name: T514 THINNERS
Product code: T514
Company name: Delvemade Limited
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: CYCLOHEXANE 70-90%
EINECS: 203-806-2 CAS: 110-82-7
[F] R11; [Xi] R38; [N] R50/53; [Xn] R65; [-] R67

- METHYL ETHYL KETONE 1-10%
EINECS: 201-159-0 CAS: 78-93-3
[Xi] R36; [Xi] R66; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES (SYMPTOMS)

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

4. FIRST AID MEASURES (ACTION)

- 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-fighters:** 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 precautions:** 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 ingredients:** CYCLOHEXANE
WEL (8 hr TWA): 350 mg/m³ WEL (15 min STEL): 1050 mg/m³
- METHYL ETHYL KETONE
WEL (8 hr TWA): 600 mg/m³ WEL (15 min STEL): 899 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
- Colour:** Colourless
- Odour:** Perceptible odour
- Evaporation rate:** Moderate
- Solubility in water:** Insoluble
- Viscosity:** Non-viscous
- Viscosity value:** N/A
- Flash point °C:** -17°C
- Relative density:** 0.78

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

- Hazardous ingredients:** CYCLOHEXANE
ORL MUS LD50 813 mg/kg
ORL RAT LD50 12705 mg/kg
- METHYL ETHYL KETONE
IPR RAT LD50 607 mg/kg
ORL MUS LD50 4050 mg/kg
ORL RAT LD50 2737 mg/kg
- Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

- Mobility:** Readily absorbed into soil.
- Persistence and degradability:** Not biodegradable.
- Bioaccumulative potential:** Bioaccumulation potential.
- Other adverse effects:** Toxic to aquatic organisms. Toxic to soil organisms.

13. DISPOSAL CONSIDERATIONS

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: 1263	ADR Class: 3
Packing group: II	Classification code: F1
Shipping name: PAINT	
Labelling: 3	Hazard ID no: 33

**IMDG / IMO**

UN no: 1263	Class: 3
Packing group: II	EmS: F-E,S-E
Marine Pollutant: .	Labelling: 3

IATA / ICAO

UN no: 1263	Class: 3
Packing group: II	Packing Instructions: 305(P&CA);
Labelling: 3	307(CAO)

15 REGULATORY INFORMATION

Hazard symbols: Extremely flammable
Dangerous for the environment.
Harmful.



Risk phrases: R12: Extremely flammable
R38: Irritating to skin.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S9: Keep container in a well ventilated place.
S16: Keep away from sources of ignition – No smoking.
S33: Take precautionary measures against static discharges..
S60: This material and its container must be disposed of as hazardous waste.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

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

Risk phrases used in s.2: R11: Highly flammable.
R38: Irritating to skin.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.

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.