SAFETY DATA SHEET

STANDARD THINNERS

Issued: 04/11/2013

Revision No: 1

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

Product name: STANDARD THINNERS

Product code: Preparation

Synonyms: STD

Company name:

Trade Car Paints
Heath Street
Smethwick
West Midlands
B66 2QX
Tel: 0121-558-6193

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: XYLENE 10-30%

EINECS: 215-535-7 CAS: 1330-20-7

[-] R10; [Xn] R20/21; [Xi] R38

- TOLUENE 10-30%

  EINECS: 203-625-9 CAS: 108-88-3

  [F] R11; [Xi] R38; [Xn] R48/20; [Xn] R63; [Xn] R65; [-] R67
- ACETONE 10-30%

  EINECS: 200-662-2 CAS: 67-64-1

  [F] R11; [Xi] R36; [Xi] R66; [-] R67
- ETHYL ACETATE 1-10%

  EINECS: 205-500-4 CAS: 141-78-6

  [F] R11; [Xi] R36; [Xi] R66; [-] R67
- N-BUTYL ACETATE 1-10%

  EINECS: 204-658-1 CAS: 123-86-4

  [-] R10; [Xi] R66; [-] R67
- PROPAN-2-OL 1-10%

  EINECS: 200-661-7 CAS: 67-63-0

  [F] R11; [Xi] R36; [-] R67
- ETHYL METHYL KETONE 1-10%

  EINECS: 201-159-0 CAS: 78-93-3

  [F] R11; [Xi] R36; [Xi] R66; [-] R67
- ETHANOL 100% (MOD ONLY) 1-10%

  EINECS: 200-578-6 CAS: 64-17-5

  [F] R11; [Xn] R20/21/22; [Xn] R68/20/21/22

[cont...]

- PROPYL ACETATE 1-10%
  EINECS: 203-686-1 CAS: 109-60-4
  [F] R11; [Xi] R36; [Xi] R66; [-] R67
- 4-METHYLPENTAN-2-ONE 1-10%
  EINECS: 203-550-1 CAS: 108-10-1
  [F] R11; [Xn] R20; [Xi] R36/37; [Xi] R66
- METHANOL 1-10%
  EINECS: 200-659-6 CAS: 67-56-1
  [F] R11; [T] R23/24/25; [T] R39/23/24/25
- METHYL ACETATE 1-10%
  EINECS: 201-185-2 CAS: 79-20-9
  [F] R11; [Xi] R36; [Xi] R66; [-] R67

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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. 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.

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: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

[cont...]

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. Eliminate all sources of ignition.

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. Do not use equipment in clean-up procedure which may produce sparks.

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. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: XYLENE

WEL (8 hr exposure limit): 441 mg/m3 WEL (15 min exposure limit): 662 mg/m3

- TOLUENE

  WEL (8 hr exposure limit): 191 mg/m3 WEL (15 min exposure limit): 574 mg/m3
- ACETONE

  WEL (8 hr exposure limit): 1810 mg/m3 WEL (15 min exposure limit): 3620 mg/m3
- ETHYL ACETATE

  WEL (8 hr exposure limit): 1460 mg/m3
- N-BUTYL ACETATE

  WEL (8 hr exposure limit): 724 mg/m3 WEL (15 min exposure limit): 966 mg/m3
- PROPAN-2-OL

  WEL (8 hr exposure limit): 999 mg/m3 WEL (15 min exposure limit): 1250 mg/m3
- ETHYL METHYL KETONE

  WEL (8 hr exposure limit): 600 mg/m3 WEL (15 min exposure limit): 899 mg/m3
- ETHANOL 100% (MOD ONLY)

  WEL (8 hr exposure limit): 1920 mg/m3
- PROPYL ACETATE

  WEL (8 hr exposure limit): 849 mg/m3 WEL (15 min exposure limit): 1060 mg/m3

[cont...]

- 4-METHYLPENTAN-2-ONE

  WEL (8 hr exposure limit): 208 mg/m3 WEL (15 min exposure limit): 416 mg/m3
- METHANOL

  WEL (8 hr exposure limit): 266 mg/m3 WEL (15 min exposure limit): 333 mg/m3
- METHYL ACETATE

  WEL (8 hr exposure limit): 616 mg/m3 WEL (15 min exposure limit): 770 mg/m3

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Boiling point/range°C: 55-155

Flammability limits %: lower: 1.1

upper: 12.8

Flash point°C: 18

Relative density: 0.83-0.88

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: XYLENE

ORL MUS LD50 2119 mg/kg

ORL RAT LD50 4300 mg/kg

SCU RAT LD50 1700 mg/kg

- TOLUENE

  IVN RAT LD50 1960 mg/kg

[cont...]

ORL MUS LD50 2 gm/kg

ORL RAT LD50 6900 mg/kg

- ACETONE

  IVN RAT LD50 5500 mg/kg

  ORL MUS LD50 3 gm/kg

  ORL RAT LD50 5800 mg/kg

- ETHYL ACETATE

  ORL MUS LD50 4100 mg/kg

  ORL RAT LD50 5620 mg/kg

  SCU RAT LDLO 5 gm/kg

- N-BUTYL ACETATE

  ORL MUS LD50 6 gm/kg

  ORL RAT LD50 10768 mg/kg

- PROPAN-2-OL

  IVN RAT LD50 1088 mg/kg

  ORL MUS LD50 3600 mg/kg

  ORL RAT LD50 5045 mg/kg

  SCU MUS LDLO 6 gm/kg

- PROPYL ACETATE

  ORL MUS LD50 8300 mg/kg

  ORL RAT LD50 9370 mg/kg

- 4-METHYLPENTAN-2-ONE

  IPR RAT LD50 400 mg/kg

  ORL MUS LD50 1900 mg/kg

  ORL RAT LD50 2080 mg/kg

- METHANOL

  IVN RAT LD50 2131 mg/kg

  ORL MUS LD50 7300 mg/kg

  ORL RAT LD50 5628 mg/kg

- METHYL ACETATE

  ORL RAT LD50 >5 gm/kg

  SCU RAT LDLO 8 gm/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: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

[cont...]

Other adverse effects: Negligible ecotoxicity.

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 RELATED MATERIAL

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); 307(CAO)

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.

Harmful.

Risk phrases: R11: Highly flammable.

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

R36/38: Irritating to eyes and skin.

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

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

[cont...]

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S36/37: Wear suitable protective clothing and gloves.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

S43: In case of fire, use dry chemical powder.

S23: Do not breathe vapour.

Products containing recycled solvents cannot be guaranteed on performance or shelf life.Product may yellow in container.

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: R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R11: Highly flammable.

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

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

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

R68/20/21/22: Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and 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.