

FREEWORLD

AUTOMOTIVE COATINGS

Freeworld Automotive Coatings (Pty) Ltd, 2-4 Bedford Street, Neave Township, Port Elizabeth 6001 South Africa, PO Box 1594, Port Elizabeth 6000 South Africa, Telephone +27 (0)41 401 1400, Facsimile +27 (0)41 453 4596, www.plascon-automotive.co.za

MATERIAL SAFETY DATA SHEET

Name : Thinners Code : KNT 1 Date Issued : 2008/05/30



Flammable



Harmful



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : Thinners Code : KNT 1 Date Issued : 2008/05/30

CAS no. : Not applicable EC no. : Not applicable

UN No. : 1263 EAC : 127 Hazchem : 3[Y]E Kemler : 30 SAPMA : 2-H-E

In emergency contact: +27 (0) 41 4011400

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification : F Xn R63,11,48/20/21,65,38,66,67 S36/37,02,13,16,43A,51,62

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

TOLUENE <35%
[CAS #: 000108-88-3] [E.C. #: 601-021-00-3]
EEC Labels : F Xn OEL 188mg OEL 50ppm STOEL 560mg STOEL 150ppm RL+ S

XYLENE <31%
[CAS #: 001330-20-7] [E.C. #: 601-022-00-9]
EEC Labels : Xn OEL 435mg OEL 100ppm STOEL 650.mg STOEL 150.ppm RL+ S

2-BUTOXYETHANOL <5%
[CAS #: 000111-76-2] [E.C. #: 603-014-00-0]
EEC Labels : Xn OEL 120mg OEL 25ppm CL S

n-BUTYL ACETATE <29%
[CAS #: 000123-86-4] [E.C. #: 607-025-00-1]
EEC Labels : OEL 710.mg OEL 150.ppm STOEL 950mg STOEL 200ppm RL

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating : 2-MODERATE - Temporary or minor injury possible even if treatment given

Inhalation : HARMFUL. Excessive exposure to this material must be avoided.

Skin : Irritating, risk of dermatitis. May be absorbed.

Eyes : Irritating.

Ingestion : Harmful. May cause lung damage if swallowed.

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT 3. (EC/CHIP2)

May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air. In case of discomfort seek medical attention.

Skin : Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention

Eyes : Rinse immediately with plenty of water. Seek medical advice.

Ingestion : DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Highly flammable with toxic fumes.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

Store between 5 and 35 °C in a dry, well – ventilated place away from sources of heat, ignition and direct sunlight

No open flames. No smoking. No sparks.

Keep containers cool. Avoid free fall of liquid - use earthing.

Subject to local bylaws

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating : 2-H-E PPE : Respirator and Eye protection

Inhalation : In case of insufficient ventilation, use suitable respiratory protection.

Skin : Use barrier cream and impervious gloves.

Eyes : Use face shield or goggles. Avoid direct contact.

Ingestion : Observe the rules of hygiene. Wash before eating or drinking.

OEL Type : Mixture- Mixture - See Section 2 Skin annotation

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Chemical class : PAINT PRODUCT Description : Clear liquid Smell : Pungent SG : 0.807 - 0.847 Boil. pt (°C) : >35 FlashPoint (°C) : <23 Water : -- Oil : --

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions Could generate static - USE EARTHING No reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT 3. (EC/CHIP2)

LD50 Oral: >500 mg (derived)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

UN No. : 1263 : PAINT PRODUCT Packing group : II IMO Class : 3.2 EAC : 127 Hazchem : 3[Y]E Kemler : 30

**SECTION 15. REGULATORY INFORMATION**

EC no. : Not applicable

EC Classification : F Xn R63,11,48/20/21,65,38,66,67 S36/37,02,13,16,43A,51,62

R63 - Possible risk of harm to the unborn child.

R11 - Highly Flammable

R48/20/21 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and in contact with skin

R65 - Harmful: May cause lung damage if swallowed.

R38 - Irritating to the skin

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness and dizziness.

S36/37 - Wear suitable protective clothing and gloves

S2 - Keep out of reach of children. (Retail sales items)

S13 - Keep away from food, drink and animal feeding stuffs

S16 - Keep away from sources of ignition - No smoking

S43A - In case of fire, use water fog, foam or powder - Do not use water jets!

S51 - Use only in well ventilated areas

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



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SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue : 2008/05/30 Date of analysis : 2008/05/30)