

# 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](http://www.plascon-automotive.co.za)

## MATERIAL SAFETY DATA SHEET

Name : Flowline Binder Code : KNL000400 Date Issued : 14/05/2010



Flammable



Harmful



### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : Flowline Binder Code : KNL000400 Date Issued : 14/05/2010

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 R11,20/21,36,66,67 S36/37,02,13,16,26,43A,46,51

#### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

N-BUTANOL	<8% [CAS #: 000071-36-3] [E.C. #: 603-004-00-6] EEC Labels : Xn OEL 150mg OEL 50ppm STOEL 150mg STOEL 50ppm RL S
TOLUENE	<2% [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	<10% [CAS #: 001330-20-7] [E.C. #: 601-022-00-9] EEC Labels : Xn OEL 435mg OEL 100ppm STOEL 650mg STOEL 150ppm RL+ S
ACETONE	<5% [CAS #: 000067-64-1] [E.C. #: 606-001-00-8] EEC Labels : F Xi OEL 1780mg OEL 750ppm STOEL 3560mg STOEL 1500ppm 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 : Irritating, narcotic. Formaldehyde may be released during curing.

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

Eyes : Irritating - may cause damage if not given prompt attention.

Ingestion : Harmful if swallowed. Can affect CNS. Systemic poison.

No carcinogenic, mutagenic or genetic effects established

Medium to long term environmental effects. Contain, collect & remove.

### SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air. In severe cases seek medical attention.

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

Eyes : Rinse well with water and seek medical advice if discomfort persists.

Ingestion : Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

### 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. Use an inert - NOT sawdust. Keep out of drains & sewers.

Contain & collect spillage with non - combustible absorbent materials, e.g sand, earth, vermiculite, diatomous earth and place in container for disposal according to local regulations. Clean preferably with detergent; avoid use of solvents

### SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

Store below 23°C in a dedicated area.

No open flames. No smoking.

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 : Ensure adequate ventilation or use respiratory protection. Ventilate curing areas/ovens properly.

Skin : Use barrier cream and impervious gloves.

Eyes : Avoid any form of direct contact. Do not touch eyes with dirty hands or gloves.

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

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

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Chemical class : PAINT PRODUCT

Description : Clear Viscous liquid

Smell : Pungent

SG : 0.919 - 0.935

Viscosity : 60 - 65 KU @ 25°C

Boil. pt (°C) : &gt;35

FlashPoint (°C) : &lt;35

**SECTION 10. STABILITY AND REACTIVITY**

Stable under normal conditions Prone to ignite by static No reaction with fire-fighting water

**SECTION 11. TOXICOLOGICAL INFORMATION**

No carcinogenic, mutagenic or genetic effects established

LD50 Oral:

**SECTION 12. ECOLOGICAL INFORMATION**

Medium to long term environmental effects. Contain, collect &amp; 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 R11,20/21,36,66,67 S36/37,02,13,16,26,43A,46,51

R11 - Highly Flammable

R20/21 - Harmful by inhalation and contact with the skin

R36 - Irritating to the eyes

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

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

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

S46 - If swallowed seek medical advice immediately and show this container or label

S51 - Use only in well ventilated areas

**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.

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