



# MATERIAL SAFETY DATA SHEETS

Name : METALUX2™ NON-CHROME TONERS

Date Issued : 08/10/2004



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : METALUX2™ NON-CHROME TONERS Date Issued : 08/10/2004

CAS no. : n/a

EC no. : n/a

UN No. : 1263

EAC : 127

Hazchem : 3[Y]E

Kemler : 30

SAPMA : 2-H-E

In emergency contact Chemical Specialities (Pty) Ltd (Mr.R.Bentley/J.Singh) at (031) 450-8800

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification : F Xn R11,20/21,65,41,66,67 S36/37/39,02,13,16,26,43A,51,62

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

N-BUTANOL

>10%

[CAS #: 71-36-3] [E.C. #: 603-004-00-6]

EEC Labels : Xn OEL 150mg OEL 50ppm STOEL 150mg STOEL 50ppm RL S

n-BUTYL ACETATE

[CAS #: 123-86-4] [E.C. #: 607-025-00-1]

EEC Labels : OEL 710.mg OEL 150.ppm STOEL 950mg STOEL 200ppm RL

XYLENE <12.5%

[CAS #: 1330-20-7] [E.C. #: 601-022-00-9]

EEC Labels : Xn OEL 435mg OEL 100ppm STOEL 650.mg STOEL 150.ppm RL+ S

SOLVENT NAPHTHA LIGHT AROM (ARO1) <10%

[CAS #: 64742-95-6] [E.C. #: 649-356-00-4]

EEC Labels : Xn OEL 1200mg 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 : Highly irritating.

Ingestion : Harmful if swallowed.

No carcinogenic, mutagenic or genetic effects established

May have short-term environmental effects. Contain, monitor & 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. Refer to specialist if discomfort persists.

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

## SECTION 5. FIRE FIGHTING MEASURES

Flammable with toxic fumes.

Containers liable to burst in a fire.

Alcohol foam, dry Powder or fog to fight fire.

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

Contain. Collect as much as possible and rinse residue to sewer/effluent with plenty of water.

## SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

No open flames. No smoking.

Store containers with due care in case of fire.

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 contact or use personal protection.

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 Description : Viscous liquid Smell : Pungent

SG : t.b.e. pH : t.b.e.

Boil. pt (°C) : >35

FlashPoint (°C) : <23 (derived)

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## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Could generate static - USE EARTHING

Inert - no reaction with fire-fighting water

## SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

LD50 Oral: t.b.e.

## SECTION 12. ECOLOGICAL INFORMATION

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

## SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

## SECTION 14. TRANSPORT INFORMATION

UN No. : 1263 : PAINT or PAINT RELATED MATERIAL

Packing group : II IMO Class : 3.2

EAC : 127 Hazchem : 3[Y]E Kemler : 30



## SECTION 15. REGULATORY INFORMATION

EC no. : n/a Contains : N-BUTANOL

EC Classification : F Xn R11,20/21,65,41,66,67 S36/37/39,02,13,16,26,43A,51,62

R11 - Highly Flammable

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

R65 - Harmful: May cause lung damage if swallowed.

R41 - Risk of serious damage to eyes

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness and dizziness.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

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!

S51 - Use only in well ventilated areas

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



## SECTION 16. OTHER INFORMATION

THIS SUBSTANCE COULD CAUSE HEARING DEFECTS.

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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