



# MATERIAL SAFETY DATA SHEETS

Name: METALUX2™ CHROME TONERS

Date Issued : 08/10/2004



Flammable



Toxic



Environment



## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : METALUX2™ 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 : 1-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 T N R40,62,61,11,20,36,33,66,67 S01/02,36/37,13,16,26,43A,45

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

LEAD CHROME PIGMENT >10%  
[CAS #: 1344-37-2] [E.C. #: 082-009-00-X]  
EEC Labels : T N OEL .15PBmg CL+

N-BUTANOL >5%  
[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 650mg STOEL 150.ppm RL+ S

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

## SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating : 1-SERIOUS - Major injury likely unless prompt action taken and treatment given  
Inhalation : Irritating, narcotic. Formaldehyde may be released during curing.  
Skin : HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.  
Eyes : Irritating - may cause damage if not given prompt attention.  
Ingestion : Harmful if swallowed. Can affect CNS. Systemic poison.  
Human Carcinogen Cat 3. (EC/CHIP3)  
May cause undesirable effects to aquatic organisms.

## 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. Potential for spontaneous combustion.  
Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!  
Foam. CO2. 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 inert NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.

## SECTION 7. HANDLING AND STORAGE

Store only in designated places.  
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 : 1-H-E PPE : Respirator and Eye protection

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

Skin : Avoid direct contact. 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 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

Potential for spontaneous combustion

Inert - no reaction with fire-fighting water

## SECTION 11. TOXICOLOGICAL INFORMATION

Human Carcinogen Cat 3. (EC/CHIP3)

LD50 Oral: t.b.e.

## SECTION 12. ECOLOGICAL INFORMATION

May cause undesirable effects to aquatic organisms.

## 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 : LEAD CHROME PIGMENT,N-BUTANOL

EC Classification : F T N R40,62,61,11,20,36,33,66,67 S01/02,36/37,13,16,26,43A,45

R40 - Limited evidence of a corcinogenic effect.

R62 - Possible risk of impaired fertility.

R61 - May cause harm to the unborn child.

R11 - Highly Flammable

R20 - Harmful by inhalation

R36 - Irritating to the eyes

R33 - Danger of cumulative effects

R66 - Repeated exposure may cause skin drying or cracking

R67 - Vapours may cause drowsiness and dizziness.

S1/2 - Keep locked up and out of the reach of children. (Retail sales items)

S36/37 - Wear suitable protective clothing and gloves

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!

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show label where possible)



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## **SECTION 16. OTHER INFORMATION**

Take precautionary measures against static.

A potential carcinogen

Possibility of systemic effects - reproductive toxicity potential with accumulative effects.

Ensure precautions are taken.

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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