



PROFESSIONAL QUALITY

Automotive Basecoat



Date issued 15/03/2007

9231 : UNI ORANGE



Flammable



Toxic



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 9231	Product Name: METALUX 2 UNI ORANGE	UN No.: 1263
CAS No.: Not applicable	EC No.: Not applicable	
Company Name: <u>SOUTHAFRICA</u> Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	<u>AUSTRALIA</u> ChemSpec Coatings (Pty) Ltd 52-54 Chard Road Brookvale, NSW	<u>UNITED STATES OF AMERICA</u> ChemSpec USA, Inc. 9287 Smucker Road Orrville, Ohio 44667
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SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Class: PAINT or PAINT RELATED
Classification: F T R Phrases R62, 61,11,20/21,36,66,67 S Phrases S01/02,36/37,13,16,26,43A,45
Comment: OEL Type: Mixture - See tables in Sections 2 and 8

	<u>% m/m</u>	<u>EC Labels</u>	<u>CAS No.</u>	<u>EC No.</u>
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
N-BUTANOL	>5 %	Xn	71-36-3	603-004-00-6
XYLENE	>12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
LEAD CHROME PIGMENT	>5 %	T N	12656-85-8	082-010-00-5

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.
Eyes: Irritating - may cause damage if not given prompt attention.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT1. (EC/CHIP3)
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 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.



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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

HAZARDOUS AND/OR

OTHER RELEVANT COMPONENTS:

	<u>CAS No.</u>	<u>OEL</u> (mg/m ³)	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m ³)	<u>STOEL</u> (PPM)	<u>OEL</u> Type
N-BUTANOL	71-36-3	150	50	150	50	RL S
XYLENE	1330-20-7	435	100	650.	150.	RL +S
TOLUENE	108-88-3	188	50	560	150	RL +S
LEAD CHROME PIGMENT	12656-85-8	.15PB				CL +

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

SAPMA Rating:

Inhalation:

Skin:

Eyes:

Ingestion:

2-H-E PPE : Respirator and Eye protection.

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

Use barrier cream and impervious gloves.

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

Observe the rules of hygiene. Wash before eating, drinking.

OEL Type : Mixture - See tables in Sections 2 and 8



SAPMA - E

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Odour:	Pungent
Boiling Point:	>35°C	Flash Point:	<23°C (derived)
Water solubility:	--	Fat Solubility:	--

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

MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT 1. (EC/CHIP3)
LD50 Oral: t.b.e. (Derived)

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 Number	1263
Shipping Name	PAINT or PAINT RELATED MATERIAL
IMO Class	3.2 Packing Group II
Action Code	127
HazChem	3[Y]E
Kemler Code	30





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SECTION 15. REGULATORY INFORMATION

- EC No.:** - n/a Contains : N-BUTANOL, LEAD CHROME PIGMENT
F T - *R Phrases* R62,61,11,20/21,36,33,66,67 *S Phrases* S01/02,36/37,13,16,26,43A,45
R62 - Possible risk of impaired fertility.
R61 - May cause harm to the unborn child.
R11 - Highly flammable
R20/21 - Harmful by inhalation and contact with the skin
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 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. 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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