



Date issued 15/03/2007

## 9093-222 : 2K MS HARDENER SLOW



Flammable



Harmful



### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Code:** 9093-222      **Product Name:** METALUX 2 2K MS HARDENER SLOW  
**CAS No.:** Not applicable      **EC No.:** Not applicable      **UN No.:** 1263

	<u>SOUTH AFRICA</u>	<u>AUSTRALIA</u>	<u>UNITED STATES OF AMERICA</u>
<b>Company Name:</b>	Chemical Specialities (Pty) Ltd	Chemspec Coating (Pty) Ltd	Montana Products Inc.
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### SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Class:** PAINT or PAINT RELATED  
**Classification:** F Xn R Phrases R11,20,66,67 S Phrases S02,13,16,43A,46,51  
**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>
<b>HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS</b>				
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
BUTANONE	<20 %	F Xi	78-93-3	606-002-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1
ETHYL-3-ETHOXYPROPIONATE	: %		000763-69-9	

### SECTION 3. HAZARDS IDENTIFICATION

**SAPMA Health Rating:** 2-MODERATE - Temporary or minor injury possible even if treatment given  
**Inhalation:** HARMFUL. Contains ISOCYANATE. Sensitiser with accumulative effects.  
**Skin:** HARMFUL BY CONTACT.  
**Eyes:** Highly irritating and risk of irreversible damage.  
**Ingestion:** Harmful if swallowed. Can affect CNS. Systemic poison.

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 case of discomfort seek medical attention immediately.  
**Skin:** Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention  
**Eyes:** ACT FAST! Rinse immediately with plenty of water. Refer immediately to doctor.  
**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 and sewers.



## SECTION 7. HANDLING AND STORAGE

Store only in designated places.  
No open flames. No smoking. No sparks.  
Keep containers cool. Avoid free fall 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 <sup>3</sup> )	<u>OEL</u> (ppm)	<u>STOEL</u> (mg/m <sup>3</sup> )	<u>STOEL</u> (PPM)	<u>OEL</u> Type
XYLENE	1330-20-7	435	100	650.	150.	RL+S
BUTANONE	78-93-3	590.	200.	885	300	RL +
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL
ETHYL-3-ETHOXYPROPIONATE	000763-69-9		50		100	

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

### SAPMA Rating:

### Inhalation:

### Skin:

### Eyes:

### Ingestion:

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

Use respiratory protection. Handle with extreme care. Absorb any spillage at once.

Avoid direct contact. Use barrier cream and impervious gloves.

Use goggles. Avoid direct contact.

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

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



SAPMA - E

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions  
Prone to ignite by static

Inert - no reaction with fire-fighting water

## SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established  
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

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





## SECTION 15. REGULATORY INFORMATION

EC No.:	-	n/a	
F Xn	-	R Phrases R11,20,66,67	S Phrases S02,13,16,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R66	-	Repeated exposure may cause skin drying or cracking	
R67	-	Vapours may cause drowsiness and dizziness.	
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!	
S46	-	If swallowed seek medical advice immediately and show this container or label.	
S51	-	Use only in well ventilated areas	



Flammable



Harmful

## SECTION 16. OTHER INFORMATION

CONTAINS ISOCYANATE - POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.

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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