



PROFESSIONAL QUALITY

## Automotive Hardener



Date issued 15/03/2007

## 9082-222 : 2K MS HARDENER ULTRA FAST



## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code:</b> 9082-222	<b>Product Name:</b> METALUX 2 2K MS HARDENER ULTRA FAST	<b>UN No.:</b> 1263
<b>CAS No.:</b> Not applicable	<b>EC No.:</b> Not applicable	
<b>Company Name:</b> <u>SOUTH AFRICA</u> Chemical Specialities (Pty) Ltd 320 South Coast Road Rossburgh Durban 4094	<b>Company Name:</b> <u>AUSTRALIA</u> ChemSpec Coatings (Pty) Ltd 52-54 Chard Road Brookvale, NSW	<b>Company Name:</b> <u>UNITED STATES OF AMERICA</u> ChemSpec USA, Inc. 9287 Smucker Road Orrville, Ohio 44667
<b>Telephone:</b> +27 31 450 8800	+61 02 9907 1425	+1 330 669 8512
<b>Facsimile:</b> +27 31 450 8930	+61 02 9907 1465	+1 330 669 3965
<b>Contact:</b> Group Technical Manager <a href="mailto:techservice@chemspecpaint.com">techservice@chemspecpaint.com</a> <a href="http://www.chemspecpaint.com">www.chemspecpaint.com</a>	<a href="mailto:techservice@chemspecpaint.com">techservice@chemspecpaint.com</a>	+1 800 328 4892 (Toll Free) <a href="mailto:techservice@chemspecpaint.com">techservice@chemspecpaint.com</a>

## SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Class:** PAINT or PAINT RELATED  
**Classification:** F Xn R Phrases R11,20,36,66,67 S Phrases S02,13,16,26,43A,46,51  
**Comment:** OEL Type: Mixture - See tables in Sections 2 and 8

	% m/m	EC Labels	CAS No.	EC No.
<b>HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS</b>				
BUTANONE	>20 %	F Xi	78-93-3	606-002-00-3
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
TOLUENE	<12.5 %	F Xn	108-88-3	601-021-00-3
HEXAMETHYLENE DI-ISOCYANATE	<.5 %	T	822-06-0	615-011-00-1

## 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:** Irritating. Risk of dermatitis.  
**Eyes:** Irritating.  
**Ingestion:** Irritating.

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:** Rinse immediately with plenty of water. Seek medical advice.  
**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. Keep out of drains and sewers.



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## SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.  
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:

	CAS No.	OEL (mg/m <sup>3</sup> )	OEL (ppm)	STOEL (mg/m <sup>3</sup> )	STOEL (PPM)	OEL Type
BUTANONE	78-93-3	590.	200.	885	300	RL+
XYLENE	1330-20-7	435	100	650.	150.	RL+S
TOLUENE	108-88-3	188	50	560	150	RL+S
HEXAMETHYLENE DI-ISOCYANATE	822-06-0	0.005		0.034	0.034	CL

(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.

Use barrier cream and impervious gloves.

Use face shield or 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

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  
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 &amp; 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 : BUTANONE	
F Xn	-	R Phrases R11,20,36,66,67	S Phrases S02,13,16,26,43A,46,51
R11	-	Highly flammable	
R20	-	Harmful by inhalation	
R36	-	Irritating to the eyes	
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	
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	



Flammable



Harmful

## 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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