



A MEMBER OF THE
CHEMICAL SPECIALITIES
GROUP OF COMPANIES

CHEMICAL SPECIALITIES (PTY) LTD

MATERIAL SAFETY DATA SHEET

9731 : MX2 VOC 2.1 HARDENER MEDIUM Date issued 18/07/2008



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	9731	Product Name	MX2 VOC 2.1 HARDENER MEDIUM		
CAS No.	Not applicable	EC No	Not applicable	UN No	1263
Company Name	Chemical Specialities (Pty) Ltd				
Address	320 South Coast Road Rossburgh Durban 4094				
Telephone	(031) 450-8800				
Facsimile	(031) 450-8930				
Contact	Mr.R.Bentley/J.Singh				

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.
HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS				
CHLOROBENZOTRIFLOURIDE	>40 %	Xi	98-56-6	
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
N-BUTYL PROPIONATE	<12.5 %	Xn	590-01-2	
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 any 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

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 of liquid - use earthing.
Subject to local bylaws

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS	CAS No.	OEL (mg/m3)	OEL (ppm)	STOEL (mg/m3)	STOEL (PPM)	OEL Type
XYLENE	1330-20-7	435	100	650.	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



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

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

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		



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.

(Date of issue : 18/07/2008 Date of analysis : 18/07/2008)