



SAFETY DATA SHEET

Date issued 2015/01/27

8794 : MLX 2K MATTING BASE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	8794	Product Name	MLX 2K MATTING BASE
Recommended use	A paint or paint constituent product		
	SOUTH AFRICA	AUSTRALIA	UNITED STATES OF AMERICA
	Manufacturer	Supplier	Supplier
Company Name	Chemical Specialities (Pty) Ltd	ChemSpec Coatings (Pty) Ltd	ChemSpec USA, Inc.
Address	2029 Old Mill Road Canelands Verulam 4340	Unit 4, 94 Delta Street Geebung QLD 4034	9287 Smucker Road Orrville, Ohio 44667
Telephone	+27 32 541 8600	+61 7 3865 6179	
Facsimile	+27 32 541 8704	+61 7 3865 6179	+1 330 669 3965
Emergency Contact			
Contact	+27 82 778 0569	+61 41 0685 981	800-424-9300 (CHEMTREC)
Contact number	Group Technical Manager techservice@chemspecpaint.com http://www.chemspecpaint.com/	techservice@chemspecpaint.com	techservice@chemspecpaint.com

SECTION 2. HAZARDS IDENTIFICATION

Overall Nature HAZARDOUS MIXTURE, DANGEROUS GOODS

Classification reference SANS10234 (1272/2008/EC) :

Classification of the substance or mixture

- (H226) Flammable liquids, Hazard Category 3
- (H315) Skin corrosion/irritation, Hazard Category 2
- (H304) Aspiration hazard, Hazard Category 1

GHS label elements, including precautionary statements

Signal word Danger

Pictograms



Hazard and Precautionary Statements

Hazard Statements

- Flammable liquid and vapour
- Causes skin irritation
- May be fatal if swallowed and enters airways

Precautionary Statements

Prevention Statements

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment. – if the explosive is electrostatically sensitive.
- Use explosion-proof electrical/ventilating/lighting/.../ equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Wash ... thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN: Wash with plenty of soap and water.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.
 Do NOT induce vomiting.
 If skin irritation occurs: Get medical advice/ attention.
 Take off contaminated clothing and wash before reuse.
 In case of fire: Use powder/... for extinction.

Storage Statements

Store in a well-ventilated place. Keep cool.
 Store locked up.

Disposal Statements

Dispose of contents/container in accordance with local/regional/ national/international regulations in accordance with local/regional/ national/international regulation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture **Generic name :** PAINT or PAINT RELATED MATERIAL

CAS No. : Not applicable **EU Index No :** Not applicable **UN No :** 1263

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
SOLVENT NAPHTHA LIGHT AROM (ARO1) (Benzene < 0.1%)	30-60 %	Xn	64742-95-6*	649-356-00-4
2-METHOXY-1-METHYLETHYL ACETATE	<20 %	-	108-65-6	607-195-00-7
2-METHOXY-1-METHYLETHYL ACETATE	<20 %	-	108-65-6	607-195-00-7
XYLENE	<12.5 %	Xn	1330-20-7	601-022-00-9
WHITE SPIRIT (WS3)	<10 %	Xn	64742-88-7	649-405-00-X
2,6-DIMETHYLHEPTAN-4-ONE	<10 * %	- Xi	108-83-8	606-005-00-X

Classification reference SANS10234 (1272/2008/EC) :

EC Index	Classification Hazard Code
649-356-00-4	Carc. 1B;Muta. 1B;Asp. Tox. 1 H350;H340;H304
607-195-00-7	Flam. Liq. 3 H226
607-195-00-7	Flam. Liq. 3 H226
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 ;Skin Irrit. 2 H226;H332;H312;H315
649-405-00-X	Asp. Tox. 1 H304
606-005-00-X	Flam. Liq. 3;STOT SE 3 H226;H335

SECTION 4. FIRST AID MEASURES

Inhalation Move to fresh air. In case of discomfort seek medical attention.
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 if symptoms persist.
Ingestion DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES**Suitable extinguishing media :**

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Specific hazards arising from the chemical :

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
 Flammable with toxic fumes.
 Cool containers in case of fire.

Special protective actions for fire-fighters :

Suitable extinguishing media : Foam, dry agent
 Substance reacts violently/is explosive
 For fires use breathing apparatus. If no fire, breathing apparatus not essential
 Prevent, by any means available, spillage from entering drains or water courses

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Keep out of drains and sewers
 Wear protective equipment (see Section 8). Keep unprotected persons away.
 Do not allow product to reach sewage system or any water course.
 Remove ignition sources and provide sufficient ventilation

SECTION 7. HANDLING AND STORAGE**Storage :**

Store separately from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),
 No open flames. No smoking.

Keep containers cool. Avoid free fall of liquid - use earthing.
Subject to local bylaws

Handling :

Ensure good ventilation/exhaustion at the workplace
Do not spray on a naked flame or any incandescent material
Eating, drinking and smoking in work areas is prohibited
Wash hands after use
Remove contaminated clothing and protective equipment before entering eating areas

Inhalation In case of insufficient ventilation, use suitable respiratory protection.
Skin Use barrier cream and impervious gloves.
Eyes Use face shield & goggles or full face respirator/hood. Avoid direct contact.
Ingestion Observe the rules of hygiene. Wash before eating or drinking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
MLX 2K MATTING BASE	Not applicable						
Components :							
SOLVENT NAPHTHA LIGHT AROM (ARO1)	(Benzene < 0.1%)						
	64742-95-6*	1200				RL	
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6						
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6						
XYLENE	1330-20-7	435	100	650.	150.	RL+ S	6.7
WHITE SPIRIT (WS3)	64742-88-7	575	100	720	125	RL	
2,6-DIMETHYLHEPTAN-4-ONE	108-83-8	150.	25.			RL	1.7

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

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary
Appropriate hand protection and protective clothing must always be used
Keep away from foodstuffs, beverages and feed
Wash hands before breaks and at the end of work

Paint Type Mixture of synthetic resins, pigments and solvents
General PPE Requirements For Mixing, Brush Application, Roller Application, Pouring, etc.

Personal protective equipment :

Skin PPE : Overall and impervious gloves (eg nitrile rubber)
Respiratory PPE : Air purifying respirator (eg cartridge type)
Eye PPE : Faceshield or solvent resistant goggles

HMIS Rating (USA) 2 - 3 - 0 - I (Health-Flam-Reactivity-PPE)
SAPMA Rating 2-H-E PPE : Gloves, Respirator and Eye protection



SPRAYBOOTH

Spraybooth Type Spraybooth complying with National Standards
Skin PPE Nitrile Gloves
Eyes PPE Faceshield or solvent resistant goggles
Respiratory Protection Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Viscous liquid
Odour	Pungent
pH	not available
Boiling point	>35°C
Melting point	not available
Flash point	>23°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	--
Fat solubility	--
Partition coefficient	not available

Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Could generate static - USE EARTHING

No reaction with fire-fighting water

Keep away from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral mg/kg	LD50 Skin mg/kg	LC50 Inhal(gas) ppmV	LC50 Inhal(mist) mg/ltr
-	-	-	-	-	-
MLX 2K MATTING BASE	Not applicable	>500			
Components :					
SOLVENT NAPHTHA LIGHT AROM (ARO1)	(Benzene < 0.1%) 64742-95-6*	>5000 mg (Rat)			
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6				
2-METHOXY-1-METHYLETHYL ACETATE	108-65-6				
XYLENE	1330-20-7	4300 mg (Rat)	5000 mg (Rabbit)		
WHITE SPIRIT (WS3)	64742-88-7				
2,6-DIMETHYLHEPTAN-4-ONE	108-83-8	1416 mg (Rat)	20000 mg (Rabbit)		

Inhalation	HARMFUL. Excessive exposure to this material must be avoided.
Skin	Irritating, risk of dermatitis.
Eyes	Irritating.
Ingestion	Harmful. May cause lung damage if swallowed.

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove

Aquatic toxicity : No further relevant information available

Persistence and degradability : No further relevant information available.

Bioaccumulative potential : No further relevant information available.

Mobility in soil : No further relevant information available.

Available ecological data of ingredients :

Name	CAS Number	Aquatic Toxicity
XYLENE	1330-20-7	LC50 (goldfish) = 13 mg/L; 24 hr LC50 (rainbow trout) = 13.5 mg/L; 96 h EC50 Daphnia magna 3.82 mg/L, 48 h

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		

USA (DOT)	UN1263
CANADA (TDG)	UN1263



SECTION 15. REGULATORY INFORMATION

CANADIAN DSL INVENTORY Components are listed on inventory list
USA TSCA INVENTORY Components are listed on inventory list

Canada

WHMIS

B-2 : Flammable liquid with Flash Point lower than 37.8°C (100°F)
D-2B : Material causing other toxic effects

SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
HMIS Rating (USA) : 2 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

H226 : Flammable liquid and vapour
H304 : May be fatal if swallowed and enters airways
H312 : Harmful in contact with skin
H315 : Causes skin irritation
H332 : Harmful if inhaled
H335 : May cause respiratory irritation
H340 : May cause genetic defects
H350 : May cause cancer

Abbreviations

Code : Abbreviation : Meaning

- : : flammable

Xi : : irritant

Xn : : harmful

==== : :
 : : Associated pictogram code shown in brackets

H226 : Flam. Liq. 3 : (GHS02) Flammable liquids, Hazard Category 3

H304 : Asp. Tox. 1 : (GHS08) Aspiration hazard, Hazard Category 1

H312 : Acute Tox. 4 : (GHS07) Acute toxicity (dermal), Hazard Category 4

H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2

H332 : Acute Tox. 4 : (GHS07) Acute toxicity (inhalation), Hazard Category 4

H335 : STOT SE 3 : (GHS07) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Respiratory tract irritation

H340 : Muta. 1B : (GHS08) Germ cell mutagenicity, Hazard Category 1A, 1B

H350 : Carc. 1A / 1B : (GHS08) Carcinogenicity, Hazard Category 1A, 1B

==== : :
 : : %m/m : Percent by mass

: : ACGIH : American Conference of Governmental Industrial Hygienist

: : ATE : Acute Toxicity Estimate

: : CAS : Chemical Abstracts Service

: : CHIP : Chemicals (Hazard Information and Packaging for supply)

: : CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

: : CNS : Central Nervous System

: : DIN : Standard of the German Institute for Standardisation

: : DOT : Department of Transport

: : EC : European Community

: : EC50 : Effective Concentration (Median) for 50% of the response under test

: : ECB : European Chemicals Bureau

: : ECHA : European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)

: : EEC : European Economic Community

: : EINECS : European Inventory of Existing Chemical Substances

: : ELINCS : European List of Notified Chemical Substances

: : GHS : Globally Harmonized System of Classification and Labelling of Chemicals

: : HMIS : Hazardous Materials Information System (USA only)

: : IATA : International Air Transport Association

: : IMDG : International Maritime Dangerous Goods Code

: : IMO : International Maritime Organization

: : INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007

: : ISO : International Standards Organisation

: : L.E.L. : Lower explosive limit

: : LD50/LC50 : Median (50%) lethal dose/concentration

: : mg/m3 : Milligrams per cubic meter

: : MSDS : Material safety data sheet

: : n.a. : Not available

: : NC : No Classification

: : No : Number

: : OEL : Occupational exposure limit

: : OEL-CL : Occupational exposure limit - control limit

: : OEL-RL : Occupational exposure limit - recommended limit

: : OHS Act : Occupational Health and Safety Act

: : P statement : Precautionary statement

: : PEL : Permissible Exposure Limit

: : PPE : Personal protective equipment

: : ppm : Parts per million

: : REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

: : RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)

: : SABS : South African Bureau of Standards

: : SANS : South African National Standards

: : SAPMA : South African Paint Manufacturers Association

: : SARA 313 : Toxic Release Inventory Reporting SRA Section 3

: : SDS : Safety Data Sheet

: : STOEL : Short-term occupational exposure limit

: : STOT-RE : Specific Target Organ Toxicity - Repeated Exposure

: : STOT-SE : Specific Target Organ Toxicity - Single Exposure

: : TDG : Transport of Dangerous Goods

: : TSCA : Toxic Substance Control Act (USA only)

: : TWA : Time weighted average

: : U.E.L. : Upper explosive limit

: : UN : United Nations

: : WHMIS : Workplace Hazardous Materials Information Systems (Canada only)

=====: :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)
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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