

SAFETY DATA SHEET

(According to ISO 11014:2009 & SANS 11014:2010)



Initial Revision Date: 04/06/2011

Revision Number: 03

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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING PRODUCT IDENTIFIER

Product Code UCR000040

Product Name Mastermix Universal Colourant – White

RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST

Used as a paint or paint constituent product

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company Kansai Plascon (Pty) Ltd
P.O Box 1594
Port Elizabeth
6000
South Africa
Tel: +27 41 401 1400
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Emergency Contact Tel: +27 41 4011400

SECTION 2: HAZARDS IDENTIFICATION CLASSIFICATION OF THE MIXTURE

Classification According to Regulation (1272/2008/EC) & SANS 10234:2008

Flam. Liq. 3 H226 Flammable liquid and vapour
STOT-SE 3 H336 May cause drowsiness or dizziness
Carcin. 1B H350 May cause cancer
EUH066 Repeated exposure may cause skin dryness or cracking

Classification According to Directive 67/548/EEC or EC 1999/45/EC

Danger symbol Xn: flammable ,harmful
R Phrases R10,45,66,67
S Phrases S02,13,16,23,36/37,43A,45

The most important adverse effects

Inhalation: Irritating.
Skin: Irritating. Risk of dermatitis. May be absorbed.
Eyes: Irritating
Ingestion: Harmful if swallowed.

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LABEL ELEMENTS

Hazard Pictograms



Signal Word: Danger

Hazard Statements

H226 Flammable liquid and vapour
H336 May cause drowsiness or dizziness
H350 May cause cancer
EUH066 Repeated exposure may cause skin dryness or cracking

Precautionary Statements

P102: Keep out of reach of children: Consumer products
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking
P243 Take precautionary measures against static discharge
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P264 Wash hands thoroughly after handling
P270 Do not eat, drink or smoke when using this product
P280 Wear protective gloves/protective clothing/eye protection/face protection
P302 + P352: IF ON SKIN: Wash with plenty of soap and water
P304 + P340: IF INHALED: If breathing difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 If exposed or concerned get medical advice/attention.
P332 + P313: If skin irritation occurs get medical advice/attention.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container to an appropriate waste disposal plant

Other Hazards

None known

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURE

Hazardous and/or other relevant components

Substance name (IUPAC)	CAS -No.	Concentration % by weight	Classification	
	EC-No.		67/548/EEC	EC1272/2008
n-BUTYL ACETATE	000123-86-4	15 - 20 %	R10	Flam. Liq. 3; STOT SE 3 [H226; H336] EUH066
	204-658-1		Xn: R66,67	
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	064742-47-8	1 - 1.5%	Xn: R65	Asp. Tox. 1 [H304]
	265-149-8			
PETROLATUM	008009-03-8	0.2 - 0.6%	Carc. Cat 2: R45	Carcin. 1B [H350]
	232-373-2			

For the full text of the R phrases mentioned in this Section, see Section 16

For the full text of the H statements mentioned in this Section, see Section 16

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

- If inhaled:** Move to fresh air. In severe cases seek medical attention.
- In case of skin contact:** Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
- In case of eye contact:** Rinse well with water and seek medical advice if discomfort persists.
- If swallowed:** Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

May cause cancer

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

If unconscious place in recovery position and seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable extinguishing media Foam. CO2. Dry powder. Fog to cool and control.

Unsuitable extinguishing media Do NOT use water jets.

SPECIAL HAZARDS ARISING FROM THE MIXTURE

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

ADVICE FOR FIRE FIGHTERS

Cool containers in case of fire. Wear protective flame proof clothing and self-contained breathing apparatus if necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information,

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refer to Section 8, Exposure Controls and Personal Protection

ENVIRONMENTAL PRECAUTIONS

Keep out of drains & sewers.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP

Contain & collect spillage with non – combustible absorbent materials, e.g sand, earth, vermiculite, diatomous earth and place in container for disposal according to local regulations. Clean preferably with detergent; avoid use of solvents. Use an inert - NOT sawdust.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mists. Keep away from sources of ignition. No smoking. No smoking, drinking or eating. Operators should wear antistatic clothing and footwear. Prevent the creation of explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Always keep in containers of same material as the original one. If the material is a coating do not sand, cut or weld without wearing the appropriate personal protection equipment.

Advice on protection against fire and explosion

No open flames. No smoking. Keep containers cool. Avoid free fall of liquid - use earthing. Good housekeeping standards and regular safe removal of waste materials will minimize risk of spontaneous combustion and other fire hazards.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store only in designated places. Store between 5 and 25 °C in a dry, well – ventilated place away from sources of heat, ignition and direct sunlight. Containers must be carefully resealed and kept upright to prevent spillage.

SPECIFIC END USES

No data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Substance name (IUPAC)	CAS –No.	OEL (mg/m3)	OEL (ppm)	STEL (mg/m3)	STEL (ppm)	OEL Type
n-BUTYL ACETATE	000123-86-4	710	150	950	200	RL
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	064742-47-8					
PETROLATUM	008009-03-8					

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EXPOSURE CONTROLS

Appropriate engineering controls

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

Use a spraybooth complying with National Standards.

Personal protective equipment

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.

Hand protection: Avoid direct contact. Use barrier cream and impervious gloves.

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

Skin and body protection: Wear overalls or protective suit.

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

Environmental exposure controls

No data

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White viscous liquid

Colour: White

Odour: Pungent

Odour threshold: Not tested

pH (at concentration): Not tested

Melting point: Not tested

Boiling point: >35°C

Flash point: 23°C

Evaporation rate: Not tested

Flammability (solid, gas): Not relevant as product is liquid

Upper/lower flammability/explosive limits: Not tested

Ignition temperature: Not tested

Vapour pressure (20°C): Not tested

Vapour density: Not tested

Relative Density: 1.614 – 1.654

Water solubility (g/l) at 20°C: Not tested

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n-Octanol/Water partition coefficient: Not tested

Auto-ignition temperature: Not tested

Decomposition temperature: Not tested

Viscosity: 85 - 90 KU @ 23°C

PHYSICAL HAZARDS

None known

OTHER INFORMATION

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

Stable under normal conditions No reaction with fire-fighting water

CHEMICAL STABILITY

Thermally stable at recommended temperatures and pressures.

POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.

CONDITIONS TO AVOID

Could generate static - USE EARTHING

INCOMPATIBLE MATERIALS

Incompatible with/keep away from: explosives, UN class 2.3 gases, oxidising substances, organic peroxides, toxic and biohazardous substances

HAZARDOUS DECOMPOSITION PRODUCTS

Not known

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOKINETICS, METABOLISM AND DISTRIBUTION

No information available

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INFORMATION ON TOXICOLOGICAL EFFECTS

Substance name (IUPAC)	CAS -No.	LD50 Oral	LD50 Skin	LD50 Inhalation
n-BUTYL ACETATE	000123-86-4	10760 mg/kg (Rat)	>14112 mg/kg (Rabbit)	
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT	064742-47-8	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>5.28 mg/l (Rat)
PETROLATUM	008009-03-8	> 5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

No data available

PERSISTENCE AND DEGRADABILITY

No data available

BIOACCUMULATIVE POTENTIAL

No data available

MOBILITY IN SOIL

No data available

RESULTS OF PBT & vPvB ASSESSMENT

Based on available data no ingredient is classified for this hazard property (see section 3)

OTHER ADVERSE EFFECTS

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

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Use reputable waste disposal contractors.

PRODUCT/PACKAGING DISPOSAL:

Exercise caution in disposal of used containers as empty containers contain residue and can be dangerous. Used containers are considered to be contaminated waste and should be disposed of in accordance with local regulations.

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SECTION 14: TRANSPORT INFORMATION

	Land transport UN Model Regulations (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	1263	1263	1263
UN Proper shipping name:	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport hazard class:	3	3	3
Packaging group:	III	III	III
Marine pollutant:		No	
Special precautions for user:			
Transport in bulk according to MARPOL 73/78 Annex II			

SECTION 15: REGULATORY INFORMATION

SAFETY, HEALTH & ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE MIXTURE

Relevant information regarding authorization

Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.

EU regulations

Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC

SECTION 16: OTHER INFORMATION

FULL TEXT OF R PHRASES ASSOCIATED WITH COMPONENTS IN SECTION 3

R10:	Flammable
R45:	May cause cancer
R65:	Harmful: may cause lung damage if swallowed
R66:	Repeated exposure may cause skin dryness or cracking
R67:	Vapours may cause drowsiness or dizziness

FULL TEXT OF H STATEMENTS ASSOCIATED WITH COMPONENTS IN SECTION 3

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness
H350	May cause cancer
EUH066	Repeated exposure may cause skin dryness or cracking

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

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.