

## Micatex (BBO Range) & Tint Bases (TMX Range)

### Section 1. Identification

**GHS product identifier** : Micatex (BBO Range) & Tint Bases (TMX Range)

**Other means of identification** : Durable UV-resistant waterbased coating with a fine texture.

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** : Protection and weatherproofing of exterior wall surfaces; suitable for application to suitably primed cement plaster, concrete, brickwork, fibre-cement, breeze blocks, PVC gutters and down pipes.

**Supplier's details** : Kansai Plascon (Pty) Ltd  
P.O. Box 4010  
Luipaardsvlei  
1743

**Emergency phone** : (011) 951 4500 (within hours of operation)

**Facsimile** : (011) 955 2841

**National Contact Person** : Mr B. Bhugwandin

### Section 2. Hazards identification

**Classification of the substance or mixture** : SERIOUS EYE DAMAGE/ IRRITATION - Category 2  
SKIN CORROSION/ IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY SINGLE EXPOSURE - Category 3

**Label elements according to** : SANS 10234: 2008

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

**Precautionary statements**

**General** : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.

**Prevention** : P202 - Do not handle until all safety precautions have been read and understood.  
P233 - Keep container tightly closed .  
P261 - Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P262 - Do not get in eyes, on skin, or on clothing.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P271 - Use only outdoors or in a well-ventilated area.

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P280 - Wear protective gloves, protective clothing, eye protection or face protection.  
P285 - in case of inadequate ventilation wear respiratory protection  
P235 + 410 - Keep cool. Protect from sunlight.

Response : P312 - Call a POISON CENTER or physician if you feel unwell.  
P314 - Get medical advice or attention if you feel unwell.  
P362 - Take off contaminated clothing and wash before reuse.  
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or physician.  
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303+361+353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P304+340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P337+313 - If eye irritation persists get medical advice/attention.  
P370+380 - In case of fire: Evacuate area.

Storage : P410 - Protect from sunlight.  
P402+404 - Store in a dry place. Store in a closed container.  
P403+235 - Store in a well ventilated place. Keep cool.

Disposal P501 - Dispose of contents/containers in accordance with local regulation.

Other hazards which do not Result in classification : None identified.

### Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**Other means of identification** : Durable UV-resistant waterbased coating with a fine texture.

**CAS number/other identifiers**

CAS number : Not applicable.

Ingredient name	CAS number	%	SANS 10234 Classification
Calcium Carbonate	471-34-1	20.0-25.0	Eye Irrit. 2 H319 Skin Irrit. 2. H315 STOT-SE. 3, H335

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.



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### Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occurs. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

#### Most important symptoms/ effects, acute and delayed

##### Potential acute health effects

Eye contact	: Causes serious eye irritation.
Inhalation	: May cause respiratory irritation.
Skin contact	: Causes skin irritation.
Ingestion	: No known significant effects or critical hazards.

##### Over-exposure signs/symptoms

Eye contact	: Adverse symptoms may include pain or irritation, watering or redness.
Inhalation	: Adverse symptoms may include nausea, vomiting or headache.
Skin contact	: Adverse symptoms may include irritation or redness.
Ingestion	: No known significant effects or critical hazards.

#### Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

**See toxicological information (Section 11)**

### Section 5. Fire-fighting measures

#### Extinguishing media

Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO <sub>2</sub> , water spray (fog) or foam.
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Unsuitable extinguishing media : None known.

**Specific hazards arising from from the chemical**

: In a fire or if heated, a pressure increase will occur and the container may burst, Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Hazardous thermal decomposition products**

: Decomposition products may include the following materials  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

**Special protective actions for fire-fighters**

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**Special protective equipment for fire-fighters**

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders

: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

#### Methods and materials for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed



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waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.

### Section 7. Handling and storage

#### Precautions for safe handling

: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest.

#### Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

### Section 8. Exposure controls/personal protection

#### Occupational exposure limits

Ingredient name	Exposure limits
Calcium Carbonate (total inhalable dust, respirable dust)	<b>OHSAS (South Africa):</b> TWA OEL-CL : 10.5 mg/m <sup>3</sup>

#### Recommended monitoring Procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

#### Appropriate engineering controls

: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhausts ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

#### Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

#### Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products,



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before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary.
Body protection	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Section 9. Physical and chemical properties

Physical state	: Liquid
Colour	: Opaque
Odor	: No data available
Odor threshold	: No data available
pH	: 8.5 - 9.5
Melting point	: No data available
Boiling point	: No data available
Flash point	: Non-flammable.
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Lower and upper explosive (flammable) limits	: No data available
Vapor pressure	: No data available



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Vapor density : No data available

Relative density : 1.3 - 1.4

Solubility : Water miscible

Partition coefficient, n-octanol/water : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity : 120 - 130 KU

### Section 10. Stability and reactivity

**Reactivity** : No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability** : Stable under normal conditions.

**Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** : No available data.

**Incompatible materials** : No available data.

**Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological information

#### Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Calcium Carbonate	LD50 Oral	Rat	6450 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Calcium Carbonate	Skin - Irritation	Human	-	-	Slight irritant
	Eye - Irritation	Human	-	-	Slight irritant
	Inhalation - Irritation	Human	-	-	Slight irritant

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target Organs
Calcium Carbonate	Category 3	Not determined	Kidneys

#### Specific target organ toxicity (repeated exposure)

No data available

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### Aspiration hazard

No data available

Information on the likely routes of exposure : Inhalation, skin and eye contact.

### Potential acute health effects

Eye contact : Causes serious eye irritation.  
Inhalation : May cause respiratory irritation.  
Skin contact : Causes skin irritation.  
Ingestion : No known significant effects or critical hazards..

### Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include pain or irritation, watering or redness.  
Inhalation : Adverse symptoms may include nausea, vomiting or headache.  
Skin contact : Adverse symptoms may include irritation or redness.  
Ingestion : No known significant effects or critical hazards.

### Potential Chronic health effects

General : No known significant effects or critical hazards.  
Carcinogenicity : No known significant effects or critical hazards.  
Mutagenicity : No known significant effects or critical hazards.  
Teratogenicity : No known significant effects or critical hazards.  
Developmental effects : No known significant effects or critical hazards.  
Fertility effects : No known significant effects or critical hazards.

### Acute toxicity estimates

No data available.

## Section 12. Ecological information

### **Toxicity**

Product/Ingredient name	Result	Species	Exposure
Calcium Carbonate	Acute LC50 > 56 mg/l	Fish - Oncorhynchus mykiss	96 hours

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

Soil/ water partition coefficient (Koc) : No data available.

Mobility : No data available.

**PBT/vPvB data** : P: No data available. B: No data available. T: No data available.

**Other adverse effects** : No known significant effects or critical hazards.



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### Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### Section 14. Transport information

	Transportation - road - SANS 10228:2012	Transportation- Maritime - IMO/ IMDG	Transportation- Air - IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	No data available	No data available	No data available
Transport hazard class(es)	No data available	No data available	No data available
Packing group	No data available	No data available	No data available
Marine pollutant	No	No	No
Additional information	No data available	No data available	No data available
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	No data available	No data available	No data available

### Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

**Relevant information regarding authorization:** Occupational Health and Safety Act 1993 Regulation for Hazardous Chemical Substances.  
**Relevant information regarding restrictions:** None known.  
**EU regulations:** Regulation EC 1272/2008 [EU-GHS/CLP] and EU directives 67/548/EEC or EC 1999/45/EC  
**Other National regulations:** None. Standards used for PPE recommendations in Section 8: NIOSH-National Institute for Occupational Health and Safety (USA) EN 166- European standard which concerns the area of eye protection. EN 374-3 European standards for permeation and penetration. EN 141/EN 143 European standards for gas mixtures to remove specified gases and vapours or combined filters for removing solids, and/or liquid particles and

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specified gases and vapours.

### Section 16. Other information

#### History

Date of printing : 21/08/2018

Date of previous issue : 30/08/2017

#### Key to abbreviations

: ATE = Acute Toxicity Estimate

BCP Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogP<sub>ow</sub> = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OHSA = Occupational Health and Safety Act, 1993 (South Africa)

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

UN = United Nations

#### References

: Supplier safety data sheets.

#### Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

#### Notice to readers:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

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