

MasterSeal CR 195 alu gry

Version 1.0 Revision Date: 13.02.2023 SDS Number: 000000261498 Date of last issue: -
Date of first issue: 13.02.2023

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MasterSeal CR 195 alu gry

Product code : 000000000051721628

Manufacturer or supplier's details

Company : MB Solutions Australia Pty Ltd

Address : 11 Stanton Road, Seven Hills
NSW 2147

Telephone : +611300227300

Emergency telephone : ChemTel: +1-813-248-0585; Australia: 1-300-954-583

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

SECTION 2. HAZARDS IDENTIFICATION


GHS Classification

Skin corrosion/irritation : Category 3

Serious eye damage/eye irritation : Category 2A

Specific target organ toxicity - repeated exposure : Category 2 (Central nervous system)

GHS label elements

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : H319 Causes serious eye irritation.
H316 Causes mild skin irritation.
H373 May cause damage to organs (Central nervous system) through prolonged or repeated exposure.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P260 Do not breathe dusts or mists.
P264 Wash face, hands and any exposed skin thoroughly after

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handling.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/ attention if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards which do not result in classification

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : isocyanate

Components

Chemical name	CAS-No.	Concentration (% w/w)
Stoddard solvent	8052-41-3	>= 7 -< 10
calcium oxide	1305-78-8	>= 1 -< 3
4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1	>= 0,3 -< 1
trimethoxy(3-(oxiranylethoxy)propyl)silane	2530-83-8	>= 0,1 -< 0,2
dibutyltin dilaurate	77-58-7	>= 0,1 -< 0,2

SECTION 4. FIRST AID MEASURES

- General advice : First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.
- If inhaled : Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.
- In case of skin contact : After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

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Most important symptoms and effects, both acute and delayed : Causes mild skin irritation.
Causes serious eye irritation.
May cause damage to organs through prolonged or repeated exposure.

Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam
Water spray
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media : water jet

Hazardous combustion products : fumes/smoke
harmful vapours
Carbon oxides
nitrogen oxides
carbon black

Specific extinguishing methods : The degree of risk is governed by the burning substance and the fire conditions.
If exposed to fire, keep containers cool by spraying with water.
Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.
Contaminated extinguishing water must be disposed of in accordance with official regulations.

Special protective equipment for fire-fighters : Wear a self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
Wear eye/face protection.
Use personal protective clothing.
Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions : Contain contaminated water/firefighting water.
Do not discharge into drains/surface waters/groundwater.

Methods and materials for containment and cleaning up : Pick up with suitable appliance and dispose of.
Dispose of absorbed material in accordance with regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Avoid dust formation.
Provide appropriate exhaust ventilation at places where dust is formed.

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- Advice on safe handling : Avoid inhalation of dusts/mists/vapours.
 Avoid skin contact.
 Ensure adequate ventilation.
 No special measures necessary provided product is used correctly.
- Hygiene measures : When using, do not eat, drink or smoke.
 Hands and/or face should be washed before breaks and at the end of the shift.
 At the end of the shift the skin should be cleaned and skin-care agents applied.
 Gloves must be inspected regularly and prior to each use.
 Replace if necessary (e.g. pinhole leaks).
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
 Observe label precautions.
 Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame.
 Protect from direct sunlight.
- Materials to avoid : Observe TRGS 509/510 storage rules.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
dibutyltin dilaurate	77-58-7	TWA	0,1 mg/m ³ (Tin)	AU OEL
	Further information: Skin absorption			
		STEL	0,2 mg/m ³ (Tin)	AU OEL
	Further information: Skin absorption			
		TWA	0,1 mg/m ³ (Tin)	ACGIH
		STEL	0,2 mg/m ³ (Tin)	ACGIH
calcium oxide	1305-78-8	TWA	2 mg/m ³	AU OEL
		TWA	2 mg/m ³	ACGIH
Limestone	1317-65-3	TWA	10 mg/m ³ (Calcium carbonate)	AU OEL
4,4'-methylenedicyclohexyl diisoncyanate	5124-30-1	TWA	0,02 mg/m ³ (NCO)	AU OEL
	Further information: Sensitiser			
		STEL	0,07 mg/m ³ (NCO)	AU OEL

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		Further information: Sensitiser		
		TWA	0,005 ppm	ACGIH
Titanium dioxide	13463-67-7	TWA	10 mg/m3	AU OEL
		TWA (Respirable particulate matter)	0,2 mg/m3 (Titanium dioxide)	ACGIH
		TWA (Respirable particulate matter)	2,5 mg/m3 (Titanium dioxide)	ACGIH
talc	14807-96-6	TWA	2,5 mg/m3	AU OEL
		TWA	0,1 fibres per cubic centimeter	ACGIH
		TWA (Respirable particulate matter)	2 mg/m3	ACGIH
Stoddard solvent	8052-41-3	TWA	790 mg/m3	AU OEL
Further information: Category 1B (Carc. 1B) Presumed to have carcinogenic potential for humans				
		TWA	100 ppm	ACGIH

Personal protective equipment

Respiratory protection : Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection

Remarks : impermeable gloves Synthetic rubber gloves Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Skin and body protection : Body protection must be chosen based on level of activity and exposure.

Protective measures : Do not inhale dust/fumes/aerosols.
 Avoid contact with the skin, eyes and clothing.
 Avoid exposure.
 Handle in accordance with good building materials hygiene and safety practice.
 Wearing of closed work clothing is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : paste

Color : various colours

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Odor : solvent

Odor Threshold : No data available

pH : Not applicable

Flash point : does not flash

Flammability (solid, gas) : Will not burn

Relative vapor density : Heavier than air.

Density : approx. 1,10 g/cm³ (20 °C)

Solubility(ies)
Water solubility : slightly soluble (20 °C)

Decomposition temperature : No decomposition if stored and handled as pre-scribed/indicated.

Viscosity
Viscosity, dynamic : approx. 4.000 - 8.000 poise

Explosive properties : Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Self-heating substances : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : See SDS section 7 - Handling and storage.

Incompatible materials : Strong acids
Strong bases
Strong oxidizing agents
Strong reducing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

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Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Product:

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available.
Discharge into the environment must be avoided.

Components:

dibutyltin dilaurate:

Partition coefficient: n-octanol/water : Remarks: not determined

Mobility in soil

No data available

Other adverse effects

Product:

Results of PBT and vPvB assessment : Remarks: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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The ingredients of this product are reported in the following inventories:

AIIC : On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Revision Date : 13.02.2023

Date format : dd.mm.yyyy

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
 AU OEL : Australia. Workplace Exposure Standards for Airborne Contaminants.

ACGIH / TWA : 8-hour, time-weighted average
 ACGIH / STEL : Short-term exposure limit
 AU OEL / TWA : Exposure standard - time weighted average
 AU OEL / STEL : Exposure standard - short term exposure limit

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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