

SAFETY DATA SHEET

MasterSeal HLM 5000R RG

Version 1.0 Revision Date: 07.07.2020 SDS Number: 000000542438 Date of last issue: -
Date of first issue: 07.07.2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : MasterSeal HLM 5000R RG

Product code : 00000000050490400

Manufacturer or supplier's details

Company : Master Builders Solutions Malaysia
Sdn. Bhd

Address : No 8, Jalan Keluli 2, Kawasan Perindustrian Bukit Raja
41050, Klang, Selangor, Malaysia

Telephone : +60330821000

Emergency telephone : +1-813-248-0585

Telefax : +60333445330

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals

2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : 2

Hazardous to the aquatic
environment - acute hazard : 3

Hazardous to the aquatic
environment - chronic hazard : 3

GHS label elements

Hazard pictograms :



Signal Word : Warning

Hazard Statements : H315 Causes skin irritation.
H402 Harmful to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P280 Wear protective gloves.
P273 Avoid release to the environment.
P264 Wash face, hands and any exposed skin thoroughly after
handling.

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Response:

P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
 P332 + P313 If skin irritation occurs: Get medical advice/ attention.
 P362 + P364 Take off contaminated clothing and wash it before reuse.

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : polyurethane
 Fillers
 pigments

Components

Chemical name	CAS-No.	Concentration (% w/w)
Solvent naphtha (petroleum), light arom.	64742-95-6	>= 10 - < 15

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.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam
 Water spray

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- Unsuitable extinguishing media : Dry powder
Carbon dioxide (CO2)
water jet
- Hazardous combustion products : harmful vapours
nitrogen oxides
fumes/smoke
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.
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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid breathing dust/ fume/ gas/ mist/ vapours/ 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.
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7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Product is not explosive.
- 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.
- 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 VCI storage rules.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Ingredients with workplace control parameters
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 - obtain special instructions before use.
Handle in accordance with good building materials hygiene and safety practice.
Wearing of closed work clothing is recommended. |
| 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).
When using do not eat or drink. |

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | |
|---------------------------|---|---|
| Appearance | : | liquid, viscous |
| Color | : | black |
| Odor | : | aromatic |
| pH | : | not applicable |
| Melting temperature | : | not applicable |
| boiling temperature | : | No data available |
| Flash point | : | approx. 185 °C
Method: open cup |
| Flammability (solid, gas) | : | not highly flammable |
| Density | : | approx. 1,40 - 1,50 g/cm ³ (25 °C) |

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Solubility(ies)
Water solubility : insoluble (20 °C)

Partition coefficient: n-
octanol/water : not applicable for mixtures

Autoignition temperature : No data available

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

Viscosity
Viscosity, dynamic : approx. 4.000 - 12.000 mPa.s (25 °C)

Explosive properties : Not explosive
Not explosive

Oxidizing properties : not fire-propagating

Metal corrosion rate : Corrosive effects to metal are not anticipated.

10. STABILITY AND REACTIVITY

Reactivity : No hazardous reactions if stored and handled as pre-
scribed/indicated.

Chemical stability : The product is stable if stored and handled as pre-
scribed/indicated.

Possibility of hazardous reac-
tions : The product is stable if stored and handled as pre-
scribed/indicated.

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.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

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Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:****Ecotoxicology Assessment**

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting 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**Components:****Solvent naphtha (petroleum), light arom.:**

Partition coefficient: n-octanol/water : log Pow: 3,17
Method: other (calculated)
GLP: no

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Mobility in soil

No data available

Other adverse effects

Product:

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.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Observe national and local legal requirements. The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities. 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.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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16. OTHER INFORMATION

Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; 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; KECI - 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; 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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