

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue: 07/01/2019 Version: 2.3

SDS No: 00156-0032



SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product name : REMAXX BEAD SEALER
Product code : 593 0807, 593 0814, 593 1394, 593 1395

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Sealants

1.4. Supplier's details

Supplier

REMA TIP TOP AG
65 Gruber Strasse
85586 Poing - Germany
T +49 (0) 8121 / 707 - 100

Importer

REMA TIP TOP Australia Pty Ltd.
3 - 7 Ironbark Close
Warabrook NSW 2304 - Australia
T +61-2-4935-0200
www.rema-tiptop.com.au

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number : +61-280735031, Infotrac/GBK GmbH-ID: 93591

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 2 H225
Serious eye damage/eye irritation, Category 2A H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336

2.2. Label elements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) :

Danger

Contains :

Propan-2-ol (20 - 25 %)

Hazard statements (GHS AU) :

H225 - Highly flammable liquid and vapour
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS AU) :

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing vapours.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents/container to in accordance with local and national regulations

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations
SDS No: 00156-0032



2.3. Other hazards

Other hazards not contributing to the classification : Vapours may form explosive mixture with air.

SECTION 3: Composition/information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Water	7732-18-5	45 - 50	Not classified
Ethanol	64-17-5	20 - 25	Flam. Liq. 2, H225 Eye Irrit. 2A, H319
Propan-2-ol	67-63-0	20 - 25	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Cellulose methyl ether, 2-hydroxyethyl ether, modified	9032-42-2	1 - 5	Not classified
sodium nitrite	7632-00-0	0.5 - 1	Ox. Sol. 3, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2A, H319 Aquatic Acute 1, H400

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Take off immediately all contaminated clothing. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Wash off immediately with soap and plenty of water. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Wash immediately with plenty water (during 20 minutes), also under eyelids. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a physician immediately. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

4.2. Symptoms caused by exposure

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after eye contact : Eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

General measures : In case of vapour formation use adequate respirator. Explosion free apparatus have to be used. Ensure adequate air ventilation. Evacuate personnel to a safe area. Concerning personal protective equipment to use, see section 8. Remove ignition sources.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Hazchem Code : * 3YE

Other information : The vapour/air mixture is explosive, even in empty, uncleaned receptacles. Cool containers / tanks with spray water if possible. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : In case of vapour formation use adequate respirator. Explosion free apparatus have to be used. Ensure adequate air ventilation. Evacuate personnel to a safe area. Concerning personal protective equipment to use, see section 8. Remove ignition sources.

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations
SDS No: 00156-0032



6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage, including how the chemical may be safely used

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing Vapours. Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Apply emollient cream. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Pay attention to explosion protection guidelines. Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

Incompatible materials : oxidizing materials.

Information on mixed storage : Keep away from food, drink and animal feeding stuffs.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Ethanol (64-17-5)

Australia - Occupational Exposure Limits

Local name	Ethyl alcohol (Ethanol)
TWA (mg/m ³)	1880 mg/m ³
TWA (ppm)	1000 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2018)

Propan-2-ol (67-63-0)

Australia - Occupational Exposure Limits

Local name	Isopropyl alcohol (Propan-2-ol)
TWA (mg/m ³)	983 mg/m ³
TWA (ppm)	400 ppm
STEL (mg/m ³)	1230 mg/m ³
STEL (ppm)	500 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2018)

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : Splash protection. This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00156-0032



Type	Material	Permeation	Thickness (mm)	Penetration	Standard
protective gloves	Butyl rubber	3 (> 60 minutes)	0,7		

Eye protection : Eye wash bottle with pure water (EN 15154). Protective goggles (EN 166)

Skin and body protection : Long sleeved protective clothing (DIN EN ISO 6530)

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

Device	Filter type	Condition	Standard
Respiratory protective device with a gas filter	Type A		EN 14387

Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous.
Colour	: dark grey
Odour	: alcoholic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point : < 0 °C
Boiling point	: > 78 °C
Flash point	: 12 °C
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Vapour pressure : ≈ 57 hPa
Relative density	: No data available
Density	: Density : < 1 g/cm ³
Solubility	: Water: Miscible
Log Pow	: No data available
Explosive properties	: Product is not explosive. May form flammable/explosive vapour-air mixture.
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: < 50 %
Fat solubility	: No data available
Ignition temperature	: ~ 425°C

SECTION 10: Stability and reactivity

Reactivity	: Highly flammable liquid and vapour. Highly flammable liquid and vapour
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Reacts with oxidants.
Conditions to avoid	: Heating can release vapours which can be ignited. Vapour/air-mixtures are explosive at intense warming.
Incompatible materials	: Oxidizing agent.
Hazardous decomposition products	: Carbon monoxide. Carbon dioxide. Nitrous fumes. With secondary amines, formation of nitrosamines.

SECTION 11: Toxicological information

Acute toxicity	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00156-0032



Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	: High concentration of vapours may induce: headache, nausea, dizziness
Other information	: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified
Other information	: Prevent entry to sewers and public waters. Ecological injuries are not known or expected under normal use.

sodium nitrite (7632-00-0)

LC50 fish 1	0.54 mg/l
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12.2. Persistence and degradability

Water (7732-18-5)

Not rapidly degradable

sodium nitrite (7632-00-0)

Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Other adverse effects	: No additional information available

REMAXX BEAD SEALER

Fluorinated greenhouse gases	False
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Ethanol (64-17-5)

Fluorinated greenhouse gases	False
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Propan-2-ol (67-63-0)

Fluorinated greenhouse gases	False
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Water (7732-18-5)

Fluorinated greenhouse gases	False
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Cellulose methyl ether, 2-hydroxyethyl ether, modified (9032-42-2)

Fluorinated greenhouse gases	False
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sodium nitrite (7632-00-0)

Fluorinated greenhouse gases	False
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SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions. Recycling is preferred to disposal or incineration. Can be incinerated according to local regulations.
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REMAXX BEAD SEALER

Safety Data Sheet




according to the Model Work Health and Safety Regulations

SDS No: 00156-0032



Product/Packaging disposal recommendations : Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of like the product.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1987	1987	1987
14.2. UN proper shipping name		
ALCOHOLS, N.O.S. (Ethanol ; Propan-2-ol)	ALCOHOLS, N.O.S. (Ethanol ; Propan-2-ol)	Alcohols, n.o.s. (Ethanol ; Propan-2-ol)
14.3. Transport hazard class(es)		
3 3 	3 3 	3 3 
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
	Marine pollutant : No	

14.6. Special precautions for user

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 1987
Special provision (ADG) : 274
Limited quantities (ADG) : 11
Packing instructions (ADG) : P001, IBC02
Portable tank and bulk container instructions (ADG) : T7
Portable tank and bulk container special provisions (ADG) : TP1, TP8, TP28

Transport by sea

UN-No. (IMDG) : 1987
Special provisions (IMDG) : 274
Packing instructions (IMDG) : P001
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS

Air transport

UN-No. (IATA) : 1987
PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3, A180
ERG code (IATA) : 3L

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00156-0032



14.8. Hazchem or Emergency Action Code

Hazchem Code : * 3YE

SECTION 15: Regulatory information

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

National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

Australian Inventory of Chemical Substances (AICS) status : All the chemicals contained in this product are listed on the AICS (AICS) status

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Abbreviations and acronyms : ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT - Department of Transport
TDG - Transportation of Dangerous Goods
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS - Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC - International Agency for Research on Cancer
vPvB - Very Persistent and Very Bioaccumulative
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
CAS - CAS (Chemical Abstracts Service) number
IBC-Code - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE - Acute Toxicity Estimate
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF - Bioconcentration factor
MARPOL 73/78 - MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG - Transport of Australian Dangerous Goods

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification:

Flam. Liq. 2	H225
Eye Irrit. 2A	H319
STOT SE 3	H336

Full text of H-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Ox. Sol. 3	Oxidising Solids, Category 3
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour
H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness

REMAXX BEAD SEALER

Safety Data Sheet

according to the Model Work Health and Safety Regulations

SDS No: 00156-0032



H400	Very toxic to aquatic life.
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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.