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Section 1: Identification

Product Identifier	Product use
Renovio RV-05	Glass Protector – <i>waterbased</i>
Manufacturer and/or supplier	Address
Gratch International	JF Kennedylaan 248, 5981 WX Panningen, Netherlands
Phone number	E-mail
+31 77 4651095	info@gratch.com
Further information obtainable from	Emergency phone number
Product safety department	+31 77 4651095

Section 2: Hazard(s) Identification

Classification according to Regulation (EC) No 1272/2008	Labelling according to Regulation (EC) No 1272/2008
The substance is not classified according to the CLP regulation	Void
Hazard pictograms	Signal word
Void	Void
Hazard statements	PBT and vPvB assessment
Void	n/a

Section 3: Composition/Information on Ingredients

Component	CAS # (if applicable)	Percentage
Polydimethylsiloxane	75718-16-0	2,5-10% H412
2-(2-butoxyethoxy)ethanol	112-34-5	2,5-10% H319
1-butoxypropan-2-ol	5131-66-8	2,5-10% H315, H319

specific chemical identity or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with WAC 296-901-14018

Section 4: First-Aid Measures

Description	Measure
General information	No special measures required
After inhalation	Supply fresh air; consult doctor in case of complaints
After skin contact	Generally the product does not irritate the skin
After eye contact	Rinse opened eye for several minutes under running water
After swallowing	If symptoms persist consult doctor

Section 5: Fire-Fighting Measures

Suitable extinguishing agents	Special protective equipment for firefighters
Use fire extinguishing methods suitable to surrounding conditions	No special measures required

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Environmental precautions
Not required	Dilute with plenty of water
Methods and material for containment and cleaning up	Reference to other sections
Absorb with liquid-binding material	No dangerous substances are released

Section 7: Handling and Storage

Precautions for safe handling	Conditions for safe storage, including any incompatibilities
No special measures required	Protect from frost, shelf life 12 months

Section 8: Exposure Controls/Personal Protection

Ingredients with limit values that require monitoring at the workplace	
CAS: 112-34-5 2-(2-butoxyethoxy)ethanol	
Exposure limits (WEL)	
Short-term value: 101.2 mg/m ³ , 15 ppm	Long-term value: 67.5 mg/m ³ , 10 ppm
Respiratory protection	
Not required	
Personal protective equipment	
Eye protection	Safety goggles or glasses
Clothing	No special requirements
Gloves	Suitable gloves, no special requirements

Section 9: Physical and Chemical Properties

Appearance form	Colour
Fluid	White-milky-translucent
Odor	Odor threshold
Characteristic	Not determined
pH-value @ 20 °C	Flash point
5-6	Not applicable

Melting point/Melting range	Boiling point/Boiling range
Not determined	100 °C
Flammability	Decomposition temperature
Not applicable	Not determined
Self-igniting	Danger of explosion
Product is not selfigniting	Product does not present an explosion hazard
Vapour pressure @ 20 °C	Density @ 20 °C
23 hPa	1.00 g/cm ³ (DIN 51757)
Solubility in / Miscibility with water	Viscosity
Fully miscible	Not determined
Organic solvents content	Solids content
Water: 90.0 % - Organic solvents (VOC): 3.0 %	0.0 % (DIN 53216)

Section 10: Stability and Reactivity

Reactivity	Chemical stability
No further relevant information available	No decomposition if used according to specifications
Possibility of hazardous reactions	Conditions to avoid
No dangerous reactions known	No further relevant information available
Incompatible materials	Hazardous decomposition products
No further relevant information available	No dangerous decomposition products known

Section 11: Toxicological Information

Acute toxicity	
No toxicity	
Primary irritant effect on the skin	Primary irritant effect on the eye
No irritating effect	No irritating effect
Additional toxicological information	
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.	

Section 12: Ecological Information (non-mandatory)

Ecotoxicity	Mobility in soil
No further relevant information available	No further relevant information available
General notes	Biodegradation
Water hazard class 1 (German Regulation) Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system	No further relevant information available

Section 13: Disposal Considerations (non-mandatory)

<i>Waste treatment methods recommendation</i>	<i>Uncleaned packaging</i>
Smaller quantities can be disposed of with household waste	Disposal must be made according to official regulations
<i>Recommended cleansing agents</i>	
Water (warm)	

Section 14: Transport Information (non-mandatory)

<i>DOT regulations</i>	
Hazard class	Not applicable
Land transport ADR/RID (cross-border)	Not applicable
ADR/RID class	Not applicable
Maritime transport IMDG	Not applicable
<i>Air transport ICAO-TI and IATA-DGR</i>	
ICAO/IATA Class	Not applicable
<i>Transport/Additional information</i>	
No dangerous goods according to the specifications	

Section 15: Regulatory Information

<i>Safety, health and environmental regulations/legislation specific for the substance or mixture · Poisons Act</i>
Void

Section 16: Other Information

<i>General</i>
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship Relevant phrases: H315 Causes skin irritation. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.