

DRG 5115 Lithium seal

Safety Data Sheet

pursuant to Regulation (EC) No 453/2010

Publication date: 03/08/2021

Revision date: // Version: 1.0

SECTION 1: Identification of the substance or mixture and of the company/undertaking				
1.1	Product identification Product form: Mixture Product code: DRG 5115 Lithium seal Product group: Flooring			
1.2	Relevant identified use Main usage category Industrial/Professional use spec. Use of the substance or mixture Forms of use that are advised against	DIY Industrial use professional use No additional information available		
1.3	Dutch Resin Group P.O. Box 1074 7301 BH Apeldoorn T +31 (0)55 312 44 65 info@dutchresin.nl	Visiting address Gladsaxe 19 Apeldoorn		
1.4	Emergency number: T +31 (0)55 312 44 65 This number is only available during office hours.			
	Land	Official advisory body	Address	Emergency number
	NETHERLANDS	National Poisons Information Center. University Medical Center Utrecht, The National Poisons Information Center (NVIC) informs doctors, veterinarians, pharmacists, and other healthcare professionals about the possible health effects and treatment options for poisonings. The NVIC is available for this purpose day and night, both by telephone and via the internet.	P.O. Box 85500 3508 GA Utrecht	+31 30 274 88 88
SECTION 2: Identification of hazards				
2.1	Classification of the substance or mixture Physical hazards: Not classified Health hazards: Not classified Signal word: Unclassified Environmental hazards: Not classified			
2.2	Adverse physico-chemical, health and environmental effects Labelling in accordance with Regulation (EC) No 1272/2008 [CLP] with additional Regulation (EU) 2016/1179 Precautionary measures: P102: Keep out of reach of children P103: Read the label before use P202: Do not handle before all safety instructions have been read and understood P262: Keep out of sight, onto skin or clothing P264: Wash thoroughly after handling P281: Use personal protective equipment if necessary P501: Dispose of contents/container in accordance with local/national/international regulations.			
2.3	Other dangers			

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		<p>This substance/mixture does not contain components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.</p> <p>Ecological information: The substance/mixture does not contain components which are believed to have endocrine-disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a level of 0.1% or higher.</p> <p>Toxicological information: The substance/mixture does not contain components which are believed to have endocrine-disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a level of 0.1% or higher.</p>
SECTION 3: Composition and information on ingredients		
	3.1	Dust
		Not applicable
	3.2	<p>Mixture of hazardous and non-hazardous substances</p> <p>Lithium polysilicate CAS# 1267-14-4 <15%</p> <p>Dihydrogen oxide CAS# 7732-18-5 <85%</p> <p>There are no ingredients present that, to the best of the supplier's knowledge at this time and in the applicable concentrations, are classified as hazardous to health or the environment, are PBTs or vPvBs, or for which a workplace exposure limit has been assigned; therefore, reporting in this section is not required.</p>
		Occupational exposure limits, if available, are shown in section 8.
SECTION 4: First aid measures		
	4.1	Description of the first aid measures
		<p>If swallowed: Seek immediate medical attention. Do not induce vomiting. If vomiting occurs, hold the victim's head below the hips to prevent aspiration into the lungs.</p> <p>Upon inhalation: Move to fresh air. Seek medical help if asthma-like symptoms or other symptoms occur.</p> <p>In case of eye contact: Immediately rinse eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.</p> <p>In case of skin contact: Immediately remove all contaminated clothing. Rinse thoroughly with water. Seek medical advice if irritation persists. Do not use solvents as these can penetrate the irritating substance into the skin.</p>
	4.2	Symptoms/injuries
		Is not considered to pose a serious risk under normal conditions of use.
	4.3	Indication of the required immediate medical care and special treatment
		No additional information available
SECTION 5: Firefighting measures		
	5.1	Extinguishing equipment
		<p>General information: Not applicable / Non-flammable</p> <p>Extinguishing methods and means: Not applicable / Non-flammable</p> <p>Hazardous decomposition information: Not applicable / Non-flammable</p>
	5.2	Special hazards caused by the substance or mixture
		No additional information available
	5.3	Advice for firefighters

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		None, non-flammable
SECTION 6: Measures in the event of accidental release of the substance or mixture		
6.1	Personal precautions, protective equipment and emergency procedures	
	Personal precautions, protective equipment and emergency procedures: Bystanders Keep away from the area. Wear suitable protective equipment and clothing during the cleanup. Avoid inhaling fumes. Ventilate the room if possible.	
6.11	For persons other than emergency services	
	Protective equipment: Equip cleaning staff with appropriate protection. Emergency procedures: Keep spectators at a distance.	
6.12	For the emergency services	
	No additional information available	
6.2	Environmental precautions	
	Clean up spilled product as quickly as possible using an absorbent product. Do not allow it to flow into the sewer system or public waters.	
6.3	Methods and material for containment and cleaning up For containment :	
	Use suitable waste containers. Cleaning methods: Clean up spilled product as soon as possible using an absorbent product.	
6.4	Reference to other sections.	
	Regarding waste disposal after cleaning, see section 13. See section 8 regarding the use of personal protective equipment.	
SECTION 7: Handling and storage		
7.1	Precautions for the safe handling of the substance or mixture	
	Wash hands and other exposed parts with mild soap and water before eating, drinking, smoking, or leaving work. Ensure good ventilation in the processing area to avoid the formation of fumes.	
7.2	Conditions for safe storage,	
	Including incompatible products. Storage conditions: Store only in the original packaging in a cool, well-ventilated place. Keep the containers closed when not in use. Incompatible substances: strong acids. Protect the product from direct sunlight.	
7.3	Specific end-use	
	Concrete sealer	
SECTION 8: Exposure control measures/personal protection		
8.1	Control parameters	
	Component Working conditions - Statutory limit values No.	
8.2	Measures to control exposure	
	General/technical control measures: Avoid inhaling vapors directly from the container. Use adequate ventilation. Work clothing: Protective work clothing that covers the skin and prevents exposure. Eye/face protection: Wear safety glasses or a face shield. Skin protection: Protective workwear that covers the skin and prevents exposure.	

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		Respiratory protection: Use adequate ventilation. Additional information: Follow good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after use.
SECTION 9: Physical and chemical properties		
	9.1	Information about basic physical and chemical properties
		Physical state : Liquid Color : Clear Scent: characteristic. Odor threshold : No data available pH : No data available Relative evaporation rate (butyl acetate=1) : No data available Melting point : No data available Freezing point : 0y Boiling point: 100° Flash point: N/A Autoignition temperature: not applicable Decomposition temperature : No data available Flammability (solid, gas) : Non-flammable Vapor pressure : No data available Relative vapor density at 20 °C : No data available Relative density : No data available Solubility : No data available Log Pow : No data available Kinematic viscosity : No data available Dynamic viscosity : No data available Explosion properties : No data available Oxidizing properties : No data available Explosion limits : No data available
	9.2	Other information
		No additional information available
SECTION 10: Stability and reactivity		
	10.1	Reactivity
		General: This product is stable and non-reactive under normal operating conditions.
	10.2	Chemical stability
		Stable
	10.3	Possible dangerous reactions
		Strong acids
	10.4	Conditions to be avoided
		Extremely high or low temperatures. Protect from direct sunlight.
	10.5	Chemically interacting materials
		None known
	10.6	Dangerous decomposition products smoke.
		Carbon monoxide. Carbon dioxide.
SECTION 11: Toxicological information		
	11.1	Information about toxicological effects
		Acute toxicity Not classified based on available information.

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	11.2 Acute toxicity	
		Not classified
SECTION 12: Ecological information		
		Ecotoxicology Assessment Acute aquatic toxicity: no data available Chronic aquatic toxicity: no data available
	12.1 Ecology - water	
		Not classified
	12.2 Persistence and degradability	
		No data
	12.3 Bioaccumulation:	
		No further relevant information available.
	12.4 Mobility in the soil	
		No further relevant information available.
	12.5 Results of PBT and zPzB assessment	
		Not usable
	12.6 Hormone-disrupting properties	
		The product contains no substances with hormone-disrupting properties.
	12.7 Other harmful effects	
		No other harmful environmental effects (e.g. ozone depletion, photochemical ozone creation potential, hormone disruption, potential global warming) are expected from this product.
SECTION 13 Disposal instructions		
	13.1 Waste processing methods	
		Recommendations for waste disposal: Dispose of safely in accordance with local/national regulations. Prevent discharge into the environment
SECTION 14: Information regarding transport		
		Land transport (ADR / RID / GGVSEB)
	14.1 UN number:	
		Not regulated
	14.2 Proper shipping name in accordance with the UN Model Regulations:	
		ADR Shipping Name: Not regulated IATA Shipping Name: Not regulated IMDG-Shipping Name: Unregulated
	14.3 Transport hazard class(es):	
		ADR Class: Not regulated ADR - Hazard identification number: Not regulated IATA Class: Unregulated IATA Label: Not regulated IMDG Class: Unregulated IMDG Class: Unregulated
	14.4 Packaging group:	

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	ADR-Packing Group: Not regulated IATA Packing group: Unregulated IMDG Packing group: Not regulated
14.5 Environmental hazards:	No
14.6 Special precautions for the user:	Yes, keep separate from food items, luxury food items, food items
14.61 Land Transport Classification Code (ADR):	Not regulated
14.62 Transport on the open sea	Not regulated
14.63 Air Transport PCA	Not regulated
14.64 Transport on inland waterways	Not regulated
14.65 Railway transport	Not regulated
14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code	Not applicable
SECTION 15: Regulations	
15.1 Specific safety, health and environmental regulations and legislation for the substance or mixture	No
15.11 EU regulations	No restrictions in accordance with Annex XVII of REACH. Contains no REACH candidate substance.
15.12 National regulations,	SZW list of carcinogenic substances : The substance is not present SZW list of mutagenic substances : The substance is not present NON-exhaustive list of substances toxic to reproduction The substance is not present – Breastfeeding NON-exhaustive list of substances toxic to reproduction The substance is not present – Fertility NON-exhaustive list of substances toxic to reproduction – Development The substance is not present
15.2 Chemical safety assessment	No chemical safety assessment has been performed
SECTION 16: Other information	
	Indication of changes: Revision: *. Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on the classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.

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	<p>ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate CLP = Classification, Labeling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimum Effect Level DNEL = Derived No Effect Level EUH statement = CLP specific Hazard statement IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative</p>
	<p>Other information: # REACH Declaration: All information is based on current knowledge. Consistency of the data in this Safety Data Sheet with the data stated in the Chemical Safety Report has been considered to the extent that these were available at the time of compilation (see Version number and Revision date). DISCLAIMER OF LIABILITY The information in this sheet was obtained from sources that are, to the best of our knowledge, reliable. However, the information was provided without any guarantee—directly implied—regarding its accuracy. The conditions or methods of handling, storage, use, or finishing of the product are beyond our control and influence and may also be beyond our knowledge. For these and other reasons, we accept no liability whatsoever, while liability for losses, damage, or expenses that may arise in any way from the handling, storage, use, or finishing and disposal of the product is expressly disclaimed.</p>