


PUWA 5600 1K Topseal

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: Dutch Resin, PUWA 5600 1K Topseal Product group: PU 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	Industrial use professional use <small>lacquer</small> 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 Skin corrosion/irritation, Category 2 H315: Causes skin irritation. Eye irritation, Category 2 H319: Causes serious eye irritation.			
2.2	Adverse physicochemical, health and environmental effects Labelling in accordance with Regulation (EC) No 1272/2008 [CLP] with additional Regulation (EU) 2016/1179  Signal word (CLP): Warning Hazard statements: H315 Causes skin irritation. H319 Causes serious eye irritation. Safety recommendations: Prevention: P280 Wear protective gloves/ eye protection/ face protection. Measures: P302 + P352 IF ON SKIN: Wash with plenty of water. P332 + P313 If skin irritation occurs: consult a doctor.			

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P337 + P313 If eye irritation persists: consult a doctor.
P362 + P364 Remove and wash contaminated clothing before reuse

Additional labeling

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass (3:1) of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one. May cause an allergic reaction.

With comments [ws1]:

2.3 Other dangers

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.

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.

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.

SECTION 3: Composition and information on ingredients

3.1 Dust

Not applicable

3.2 Mixture of hazardous and non-hazardous substances

name	Product identification Case no. EC No. Registration no. Reach	%	Classification in accordance with Regulation (EC) No 1272/2008 [CLP]
Harmless substances		<100	
Butyldiglycol	112-34-5 203-961-6 603-096-00-8 01-2119475104-44-XXXX	>1 <5	Eye Irrit. 2; H319
2-dimethylaminoethanol 108-01-0	203-542-8 603-047-00-0 01-2119492298-24	<2	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H331 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) specific concentration limits STOT SE 3; H335 >= 5 %
1,2-benzisothiazol-3(2H)-on	55965-84-9 613-167-00-5 01-2120764691-48	<0.03	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071

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					M-factor (Acute aquatic toxicity): 100 M-factor (Chronic aquatic toxicity): 100 Specific concentration limits Skin Sens. 1; H317 >= 0.05
Full content of the R, H and EUH phrases: see section 16					
SECTION 4: First aid measures					
	4.1	Description of the first aid measures			
		<p>General First Aid: Never administer anything by mouth to an unconscious person. If feeling unwell, consult a doctor (show them this label if possible).</p> <p>First aid after inhalation: Allow to breathe fresh air. Let the victim rest.</p> <p>First aid after contact with skin: Remove contaminated clothing, wash the skin with copious amounts of water or shower (for 15 minutes), and consult a doctor if necessary.</p> <p>First aid after contact with eyes: Rinse immediately and thoroughly with water. Seek medical attention if pain or redness persists.</p> <p>First aid after ingestion: Rinse the mouth. DO NOT induce vomiting. Consult a doctor urgently.</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>Suitable extinguishing agents: Foam. AFFF. Water mist.</p> <p>Unsuitable extinguishing agents: Do not use a strong water jet. Dry powder.</p>			
	5.2	Special hazards caused by the substance or mixture			
		No additional information available			
	5.3	Advice for firefighters			
		<p>Fire precautions: No open flames, no sparks, and no smoking.</p> <p>Extinguishing instructions: Do not enter the fire zone without suitable safety equipment, including respiratory protection. Protection during firefighting: Cool the exposed vessels with a water spray or mist. Other information: Exercise extreme caution when fighting a chemical fire.</p>			
SECTION 6: Measures in the event of accidental release of the substance or mixture					
	6.1	Personal precautions, protective equipment and emergency procedures			
		General measures: No smoking			
	6.11	For persons other than emergency services			
		<p>Protective equipment: Equip cleaning staff with appropriate protection.</p> <p>Emergency procedures: Keep spectators at a distance.</p>			
	6.12	For the emergency services			
		No additional information available			
	6.2	Environmental precautions			

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		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 alkalis. Strong acids. Remove all sources of ignition. Protect the product from direct sunlight.				
7.3		Specific end-use				
		A Component floor system				
SECTION 8: Exposure control measures/personal protection						
8.1		Control parameters				
		Component	CAS No.	Value Method of exposure	Control parameters	Basic
		butyldiglycol	112-34-5 101.2 mg/m3	COUPLE	15 ppm 101.2 mg/m3	Indicative limit values for occupational exposure
				TWA 10	10 ppm 67.5 mg/m3	Indicative limit values for occupational exposure
				TGG-8 hours	50 mg/m3	Working conditions n - Statutory limit values
				Skin absorption		
				TGG-15 min	100 mg/m3	Working conditions n - Statutory limit values
8.2		Measures to control exposure				
		Personal protective equipment: Avoid unnecessary exposure. Gloves. Safety glasses. Hand protection: wear protective gloves. Eye protection : Safety glasses Other information: Ventilate, do not eat, drink, or smoke during use.				

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SECTION 9: Physical and chemical properties		
9.1	Information about basic physical and chemical properties	
	<p>Physical state: Liquid Color: opaque Odor: 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 : No data available Boiling point : No data available Flash point : No data available Autoignition temperature : No data available 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 Explosive properties : No data available Oxidizing properties : No data available Explosion limits : No data available</p>	
9.2	Other information	
	No additional information available	
SECTION 10: Stability and reactivity		
10.1	Reactivity	
	No additional information available	
10.2	Chemical stability	
	Not determined.	
10.3	Possible dangerous reactions	
	Not determined	
10.4	Conditions to be avoided	
	Extremely high or low temperatures. Protect from direct sunlight.	
10.5	Chemically interacting materials	
	strong acids. Strong alkalis	
10.6	Dangerous decomposition products smoke.	
	Carbon monoxide. Carbon dioxide.	
SECTION 11: Toxicological information		
11.1	Information about toxicological effects	
	Acute toxicity	

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		Not classified based on available information.
	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	
		Toxic to fish
	12.2 Persistence and degradability	
		Easily biodegradable
	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	
		Avoid discharge into the vicinity.
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:	
	Environmental risks (Marine pollutant):	-
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>Full text of the H-statements H226 : Flammable liquid and vapor. H301 : Toxic if swallowed. H302 : Harmful if swallowed. H310 : Fatal in contact with skin. H312 : Harmful in contact with skin. H314 : Causes severe burns and eye damage. H315 : Causes skin irritation. H317 : May cause an allergic skin reaction. H318 : Causes serious eye damage. H319 : Causes serious eye irritation H330 : Fatal if inhaled. H331 : Toxic by inhalation. H335 : May cause respiratory irritation. H400 : Very toxic to aquatic organisms. H410 : Very toxic to aquatic organisms, with long-lasting effects. H411 : Toxic to aquatic organisms, with long-lasting effects. EUH071 : Corrosive to the respiratory tract. Full text of other abbreviations Acute Tox. : Acute toxicity Aquatic Acute : (Acute) Short-term aquatic hazard Aquatic Chronic : (Chronic) Long-term aquatic hazard Eye Dam. : Serious eye injury Flam. Liq. : Flammable liquids Skin Corr. : Skin corrosion/irritation Skin Irrit. : Skin corrosion/irritation Skin Sens. : Skin sensitization</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>