


# B Component, 5250 ZG

## Safety Data Sheet

pursuant to Regulation (EC) No 453/2010

Publication date: 03/08/2024

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 Component, B 5250 ZG (packaging < 200ml) Product group: EP 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 For professional use only Flooring No additional information available	
1.3	Dutch Resin Group P.O. Box 1074 7301 BH Apeldoorn T +31 (0)557850749 <a href="mailto:info@dutchresingroup.nl">info@dutchresingroup.nl</a>		Visiting address Gladsaxe 19 Apeldoorn	
1.4	Emergency number: T +31 (0)557850749 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  Classification in accordance with Regulation (EC) No 1272/2008 Flam. Liq. 3 H226 Flammable liquid and vapor. Acute Tox. 4 H312 Harmful in contact with skin. Acute Tox. 4 H332 Harmful by inhalation. Skin Irrit. 2 H315 Causes skin irritation.  Classification in accordance with Directive 67/548/EEC or Directive 1999/45/EC Xn; Harmful R20/21: Harmful if inhaled and in contact with skin. Xi; Irritating R38: Irritating to the skin. R10: Flammable.			
2.2	Labeling elements			
				Labelling in accordance with Regulation (EC) No 1272/2008 The substance product is classified and labelled in accordance with the CLP Regulation.

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		<p>GHS08, GHS09, GHS02 and GHS07 Signal word: DANGER</p> <p>H226 : Flammable liquid and vapor. H301 : Toxic if swallowed. H312+H332 Harmful in contact with skin and if inhaled. H315 : Causes skin irritation. H317 : May cause an allergic skin reaction. H319 : Causes serious eye irritation. H341: Suspected of causing genetic damage. H360FD: May impair fertility. May harm the unborn child. H370 : Causes damage to organs. H372 : Causes damage to organs through prolonged or repeated exposure. H410 : Very toxic to aquatic organisms, with long-lasting effects.</p> <p>P273: Avoid release into the environment. P260: Do not inhale mist or vapor. P201 : Consult the special instructions before use. P280 : Wear safety gloves/protective clothing/safety glasses/face protection/hearing protection. P391 : Clean up leaked/spilled material. P308 + P311 : AFTER (possible) exposure: consult a POISON CENTER/doctor. P302+P352 IF IN CONTACT WITH SKIN: Wash with plenty of water and soap. P301 + P310 + P330 : IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. P304 + P340 + P310 : AFTER INHALATION: Move the person to fresh air and ensure they can breathe easily. Immediately consult a POISON CENTER/doctor.</p> <p>P403 + P233 : Store in a well-ventilated place. Store in a tightly closed container.</p> <p>Contains: Xylene and dibutyltin laurate. <b>For professional users only.</b></p>		
	2.3	Other dangers		
		<ul style="list-style-type: none"> <li>· Results of PBT and zPzB assessment · PBT: Not usable.</li> <li>· zPzB: Not usable.</li> </ul> <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>		
<b>SECTION 3: Composition and information on ingredients</b>				
	3.1	Dust		
		Not applicable		
	3.2	Mixture of hazardous and non-hazardous substances		
		name	Product identification	% Classification in accordance with Regulation (EC) No 1272/2008 [CLP]
		Xylene	(CAS No.) 1330-20-7 Identification number(s) EC number: 215-535-7  Catalog number: 601-022-00-9	80-95 H226. H312+H332 H315

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	Dibutyltin dilaurate	(CAS No.) 77-58-7 EC number 201-039-8 REACH registration number 01-2119496068-2	10-30 Muta. 2 H341; STOT RE 1 H372; Eye Irrit. 2 H319; Repr. 1B H360FD; Skin Sens. 1 H317; STOT SE 1 H370; Aquatic Acute 1 H400; Aquatic Chronic 1 H410; Aquatic toxicity (acute): 1 Aquatic toxicity (chronic): 1
Full content of the R, H and EUH phrases: see section 16			
<b>SECTION 4: First aid measures</b>			
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>Inhalation: Inhalation of this substance normally poses no risk provided it is used under normal circumstances and for its intended purpose. In case of inhalation: Move the person to fresh air and let him/her rest. Seek medical help if symptoms occur.</p> <p>Skin contact: Immediately rinse with plenty of water for at least 15 minutes and remove contaminated clothing and shoes. Wash skin with soap and water. Seek immediate medical attention. Store contaminated clothing in a sealed container until disposal or disinfection. Wash contaminated clothing before reusing it.</p> <p>Eye contact: In case of contact with eyes, rinse thoroughly with clean water for at least 15 minutes.</p> <p>Remove any contact lenses after the first 1 to 2 minutes of rinsing and after consulting the treating physician. Continue rinsing for a few more minutes. Open the eyes wide. Get medical help immediately, preferably from an ophthalmologist.</p> <p>Swallow: Do not induce vomiting. Rinse the mouth thoroughly with water. Do not give the unconscious victim anything to drink. Call for immediate medical assistance. Consult a POISON CONTROL CENTER/doctor immediately.</p> <p>Personal protection for first responders: First responders must protect themselves and wear the recommended protective clothing (chemical-resistant gloves, splash protection).</p> <p>Consult Sections 5 and 8 for information on emergency procedures and protective equipment.</p>		
4.2	Symptoms/injuries		
	<p>after inhalation: May cause an allergic skin reaction. after contact with skin: Causes skin irritation.</p> <p>Important symptoms and effects are described in Section 11 (Toxicological information) of this Safety Data Sheet.</p> <p>Due to the irritating properties of this product, ingestion may lead to a burning sensation or ulcers in the mouth, stomach, and gastrointestinal tract, followed by stenosis.</p> <p>Main symptoms/effects: Respiratory discomfort, burning sensation, itching</p>		
4.3	Indication of the required immediate medical care and special treatment		

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		No additional information available
<b>SECTION 5: Firefighting measures</b>		
5.1	Extinguishing equipment	
		Suitable extinguishing agents: Foam. AFFF. Water mist. Unsuitable extinguishing agents: Do not use a strong water jet. Dry powder.
5.2	Special hazards caused by the substance or mixture	
		Vapors heavier than air. Dangerous fumes may be released during a fire. The formation of toxic gases is possible upon heating or fire. During a fire, carbon oxides (CO, CO <sub>2</sub> ) may be released. Watch out for flashback. Can form an explosive gas-air mixture.
5.3	Advice for firefighters	
		Special protective clothing: Wear a respiratory protection device that is not dependent on ambient air. - Further details: Collect the contaminated extinguishing water separately; it must not enter the sewage system.
<b>SECTION 6: Measures in the event of accidental release of the substance or mixture</b>		
6.1	Personal precautions, protective equipment and emergency procedures	
		General measures: No smoking
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	Containment and cleaning methods and materials	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.
<b>SECTION 7: Handling and storage</b>		
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.

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		Remove all sources of ignition. Protect the product from direct sunlight.															
7.3	Specific end-use																
	B Component floor system																
<b>SECTION 8: Exposure control measures/personal protection</b>																	
8.1	Control parameters																
		<p>Components with limit values that must be observed with regard to the workspace: 1330-20-7 xylene WGW Short-term value: 442 mg/m<sup>3</sup>, 100 ppm Long-term value: 210 mg/m<sup>3</sup>, 47 ppm technical mixture</p> <p>dibutyltin dilaurate</p> <table border="0"> <thead> <tr> <th>Type</th> <th>Exposure limits</th> <th>Source</th> <th>Date</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>TWA</td> <td>- 0.1 mg/m<sup>3</sup></td> <td></td> <td>OEL (BE) 06 2007</td> <td>as Sn</td> </tr> <tr> <td>SET</td> <td>- 0.2 mg/m<sup>3</sup></td> <td></td> <td>OEL (BE) 10 2018</td> <td>as Sn</td> </tr> </tbody> </table> <p>Monitoring methods: Ensure that worker exposure is monitored in accordance with national and European regulations, in particular Directives 98/24/EC and 2004/37/EC</p>	Type	Exposure limits	Source	Date	Comment	TWA	- 0.1 mg/m <sup>3</sup>		OEL (BE) 06 2007	as Sn	SET	- 0.2 mg/m <sup>3</sup>		OEL (BE) 10 2018	as Sn
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8.2	Measures to control exposure																
		<p>General protection and health measures: Remove contaminated clothing immediately. Wash hands before the break and at the end of the workday. Avoid contact with skin. Avoid contact with eyes and skin.</p> <p>Respiratory protection: For short or low exposure, use a breathing filter device; for intensive or prolonged exposure, use a breathing apparatus independent of the surrounding air. Filter A/P2</p> <p>Hand protection: The glove material must be impermeable and resistant to the product / substance / preparation. Select glove material taking into account penetration times, permeation rates, and degradation. Glove material The choice of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. Penetration time of the glove material You can find out the precise penetration time from the glove manufacturer; please take this into account. - For prolonged contact, gloves made of the following materials are suitable: Recommended material thickness: <math>\dot{y}</math> 0.7 mm Fluororubber (Viton) Permeation value: Level <math>\dot{y}</math> 480 min Gloves made of the following materials are suitable for protection against splashes: Nitrile rubber Recommended material thickness: <math>\dot{y}</math> 0.4 mm Permeation value: Level <math>\dot{y}</math> 30 min</p> <p>Eye protection: Close-fitting safety glasses</p> <p>Body protection: The type of body protection must be selected depending on the concentration and quantity of hazardous substances at the workplace.</p>															
<b>SECTION 9: Physical and chemical properties</b>																	
9.1	Information about basic physical and chemical properties																

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		<p><b>F SECTION 9: Physical and chemical properties</b></p> <p>· 9.1 Information on basic physical and chemical properties · General data · Occurrence:</p> <p>Shape: Liquid</p> <p>Color: Colorless · Smell: Not Aromatic</p> <p>pH value: specific.</p> <p>Change of state</p> <p>Melting point/melting range: -25 °C</p> <p>Boiling point/boiling point range: 140 °C</p> <p>Flash point: 24 °C Ignition temperature: 460 °C</p> <p>Explosion hazard: The product is not explosive, but the formation of explosive vapors /air mixtures are possible.</p> <p>Explosion limits:</p> <p>Bottom: 1 Vol %</p> <p>Top: Vapor 7 Vol %</p> <p>pressure at 20 °C: Density at 8 hPa</p> <p>20 °C: Solubility in/ miscibility with 0.87 g/cm<sup>3</sup></p> <p>Water at 25 °C: 9 g/l</p> <p>Viscosity</p> <p>Dynamic: Not exactly.</p> <p>Kinematic: Not exactly.</p> <p>Solvent content:</p> <p>Organic solvent: VOC 80-95%</p> <p>(EC) 80-95%</p>
	9.2	Other information
		No additional information available
<b>SECTION 10: Stability and reactivity</b>		
	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
		Violent reactions possible with: strong oxidizing agents nitric acid / concentrated sulfurous acid Danger of explosion with: Nitric acid
	10.6	Dangerous decomposition products.
		Carbon monoxide. Carbon dioxide.
<b>SECTION 11: Toxicological information</b>		
	11.1	Information about toxicological effects
		Based on our knowledge of the information regarding the composition: Suspected of causing genetic damage. DIBUTYL TIN DILAURATE (77-58-7):

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Toxicological information is displayed in this section if such data are available. Acute toxicity. Acute oral toxicity. Low toxicity upon ingestion. Small amounts ingested incidentally as a result of normal use or handling are unlikely to cause injury; however, ingestion of larger amounts may cause injury.

LD50, Rat, male and female, 2,071 mg/kg Acute dermal toxicity. Prolonged skin contact is unlikely to result in the absorption of harmful amounts.

LD50, Rat, male and female, > 2,000 mg/kg. No deaths occurred at this concentration. Acute toxicity by inhalation. At room temperature, exposure to vapor is minimal due to low volatility.

Mist can cause irritation of the upper respiratory tract (nose and throat).

The LC50 is not determined.

Skin corrosion/irritation

Prolonged contact can cause burns on the skin. Symptoms may include: pain, severe local redness, swelling, and tissue damage. Serious eye injury/eye irritation May cause moderate eye irritation, which heals slowly.

Can cause minor damage to the cornea.

Can cause permanent impairment of vision, even blindness.

Sensitization to

similar material: Has caused

allergic skin reactions in tests on guinea pigs.

For airway sensitization: No relevant data found.

Specific target organ system toxicity (single exposure)

Causes damage to organs.

Route of exposure: Ingestion Target

organs: thymus Specific

target organ system toxicity (repeated exposure)

For similar material: In animals,

effects on the following organs have been reported: Thymus.

Blood.

Carcinogenicity Similar

materials did not cause cancer in test animals.

Teratogenicity For

similar substance(s): Has caused birth defects in experimental animals.

Reproductive toxicity For

similar substance(s): Animal studies have shown that it impairs fertility.

Mutagenicity For

similar materials: In vitro genetic toxicity studies were negative in some cases and positive in other cases.

Research into genetic toxicity in animals was negative in some

cases and positive in other cases.

Risk of aspiration

Based on the physical characteristics, it is unlikely that there is a risk of aspiration.

COMPONENTS THAT INFLUENCE TOXICOLOGY: Dibutyltin dilaurate

Acute toxicity by inhalation.

Classification relevance of LD/LC50 values: XYLENE cas#1330-20-7

Oral: LD50 4300 mg/kg (rat)

Dermal: LD50 1134 mg/kg (rabbit)

Primary condition:

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		on the skin: Irritates the skin and mucous membranes. To the eye: No irritating effect. After inhalation, irritates the skin and mucous membranes. Hypersensitivity: No known effect of hypersensitivity.
<b>SECTION 12: Ecological information</b>		
		Ecotoxicology Assessment
	12.1	Ecology - water
		Very toxic to aquatic organisms, with long-lasting effects.
	12.2	Persistence and degradability
		Can cause long-term harmful effects in the environment
	12.3	Bioaccumulation:
		Can accumulate in organisms
	12.4	Mobility in the soil
		No additional information available. Danger to drinking water, even in small quantities.
	12.5	Results of PBT and zPzB assessment
		No additional information available
	12.6	Other harmful effects
		Avoid discharge into the vicinity.
<b>SECTION 13 Disposal instructions</b>		
	13.1	Waste processing methods
		Recommendations for waste disposal: Dispose of safely in accordance with local/national regulations.  Prevent discharge into the environment
<b>SECTION 14: Information regarding transport</b>		
		Land transport (ADR / RID / GGVSEB)
	14.1	UN number:
		ADR-UN Number: 1307 IATA-UN Number: 1307 IMDG-UN Number: 1307
	14.2	Proper shipping name in accordance with the UN Model Regulations:
		ADR: XYLENE IMDG, IATA XYLENES · Class 3 (F1) Flammable liquids · Label 3
	14.3	Transport hazard class(es): 3
		ADR Class: 3
	14.4	Packaging group:
		ADR Packing Group: III IATA Packing group: III IMDG-Packing group: III
	14.5	Environmental hazards:
		Environmental risks (Marine pollutant)

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		contains: Dibutyltin Dilaurate, dibutylbis(myristoyloxy)stannane
14.6	Special precautions for the user:	
		Flammable liquids · Kemler number: 30 · EMS number: FE,S-Da, keep separate from foodstuffs, luxury foodstuffs, foodstuffs
14.7	Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code	
		<p>MARPOL 73/78 and the IBC code Not usable.</p> <p>Transport/further details: ADR</p> <p>Limited quantities (LQ) 5L Exceptional quantities (EQ) Code: E1 Largest net volume per inner package: 30 ml Largest net volume per outer package: 1000 ml</p> <p>Transport category 3 Tunnel restriction code D/E IMDG</p> <p>Limited quantities (LQ) 5L Except quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml UN "Model Regulation": UN1307, XYLENES, 3, III</p>
<b>SECTION 15: Regulations</b>		
15.1	Specific safety, health and environmental regulations and legislation for the substance or mixture	
		XYLENE 1330-20-7 and DIBUTYLTIN DILAURATE 77-58-7
15.2	Chemical safety assessment	
		No chemical safety assessment has been performed
<b>SECTION 16: Other information</b>		
		<p>Indication of changes: Revision: *.</p> <p>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.</p>
		<p>Labelling in accordance with Regulation (EC) No 1272/2008 The substance product is classified and labelled in accordance with the CLP Regulation.</p> <p>GHS02 and GHS07 Signal word: DANGER</p> <p>H226 : Flammable liquid and vapor. H301 : Toxic if swallowed. H312+H332 Harmful in contact with skin and if inhaled. H315 : Causes skin irritation. H317 : May cause an allergic skin reaction. H319 : Causes serious eye irritation. H341: Suspected of causing genetic damage. H360FD: May impair fertility. May harm the unborn child. H370 : Causes damage to organs. H372 : Causes damage to organs through prolonged or repeated exposure. H410 : Very toxic to aquatic organisms, with long-lasting effects.</p>

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	Exclusively for the professional user
	<p>Other information: #</p> <p>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).</p> <p>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—as to 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>