

B Component Casting Resin Slow 6325**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 Group Component B 6325 Product group: Casting resins		
	1.2	Relevant identified use Main use : category Industrial/ : Professional use spec. Use of the substance or the mixture :	Usage, Parental supervision is required for use by minors. No additional information available	
c	1.3	Dutch Resin Group Gladsaxe 19 7327 JZ Apeldoorn T +31 (0)55 312 44 65 info@dutchresin.nl		
	1.4	Emergency number: T +31 (0)55 312 44 65 This number is only available during office hours.		
		Land	Official advisory body	Address
		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 Criteria Regulation CE 1272/2008 (CLP): Warning, Acute Tox. 4, Harmful if swallowed. Warning, Acute Tox. 4, Harmful if inhaled. Danger, Skin Corr. 1B, Causes severe burns and eye damage. Danger, Eye Dam. 1, Causes serious eye damage. Warning, Skin Sens. 1, May cause an allergic skin reaction. Aquatic Chronic 3, Harmful to aquatic organisms, with long-lasting effects. Physicochemical effects harmful to human health and the environment: Labeling elements		
	2.2	Symbols:		

B Component Casting Resin Slow 6325

Safety Data Sheet

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Danger

Hazard statements:

H302+H332 Harmful if swallowed and if inhaled.

H314 Causes severe burns and eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic organisms, with long-lasting effects.

Safety recommendations:

P260 Do not breathe dust/fumes/gas/mist/vapour/spray

P261 Avoid inhalation of dust/fumes/gas/mist/vapors/spray.

P264 After working with this product ... wash thoroughly

P270 Do not eat, drink or smoke while using this product.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not leave the work area.

P273 Avoid release into the environment.

P280 Wear protective gloves/protective clothing/eye protection/face

protection.

P301+P312 IF SWALLOWED: if you feel unwell, consult a POISON CENTER/doctor/...

P301+P330+P331 IF SWALLOWED: rinse mouth — DO NOT induce vomiting.

P302+P352 IF IN CONTACT WITH SKIN: Wash with plenty of water and soap.

P303+P361+P353 IF IN CONTACT WITH SKIN (or hair): immediately remove contaminated clothing. Rinse/shower skin with water.

P304+P340 AFTER INHALATION: move the person to fresh air and ensure they can breathe easily.

P305+P351+P338 IF IN CONTACT WITH EYES: rinse carefully with water for several minutes; remove contact lenses, if possible; continue rinsing.

P310 Immediately consult a POISON CENTER/doctor/...

P321 Specific treatment required (see ... on this label).

P333+P313 If skin irritation or rash occurs: consult a doctor.

P362+P364 Remove and wash contaminated clothing before reuse.

P363 Wash contaminated clothing before reuse.

P405 Keep locked away.

P501 Process the product/container in accordance with the regulations.

Special arrangements: None

Contains benzyl alcohol and polyoxypropylenediamine

Specific provisions pursuant to Annex XVII of REACH and subsequent amendments: None

2.3	Other dangers
	vPvB substances: None – PBT substances: None Other risks: No other risk
SECTION 3: Composition and information on ingredients	
3.1	Dust
	Not applicable
3.2	Mixture of hazardous and non-hazardous substances

B Component Casting Resin Slow 6325

Safety Data Sheet

pursuant to Regulation (EC) No 453/2010

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Classification in
accordance with Regulation (EC) No
1272/2008 [CLP]

	name	Product identification	%	Classification in accordance with Regulation (EC) No 1272/2008 [CLP]
	Polyoxypropylene diamine	CAS: 9046-10-0 REACH No. 01- 2119557899 -12	85-95	3.2/1B Skin Corr. 1B H314 4.1/C2 Aquatic Chronic 2 H41
	benzyl alcohol	Index number: 603-057-00-5 CAS: 100-51-6 EC: 202-859-9	5-15	3.1/4/Oral Acute Tox.4 H302 3.1/4/Inhal Acute Tox.4 H332 3.1/4/Oral Acute Tox. 4 H302 3.4.2/1 Skin Sens. 1 H317 4.1/C3 Aquatic Chronic 3 H412
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 you feel unwell, consult a doctor (show them this label if possible).</p> <p>In case of contact with skin: Remove contaminated clothing immediately. CONSULT A DOCTOR IMMEDIATELY.</p> <p>Immediately remove the contaminated clothing items and dispose of them safely.</p> <p>In case of contact with skin, wash immediately with plenty of water and soap.</p> <p>In case of contact with eyes: In case of contact with eyes, rinse with water for a sufficient time, keeping the eyelids apart, and then consult an ophthalmologist immediately.</p> <p>Protect the uninjured eye. In case of ingestion: DO NOT induce vomiting. Do not give anything to eat or drink.</p> <p>In case of inhalation: In case of irregular or absent breathing, apply artificial respiration.</p> <p>In case of inhalation, consult a doctor immediately and show the packaging or label.</p>			
4.2	Main acute and delayed symptoms and effects			
	No			
4.3	Indication of the required immediate medical care and special treatment			
	In case of accident or feeling unwell, consult a doctor immediately (if possible, show the instructions for use or the safety data). Treatment: none			
SECTION 5: Firefighting measures				
5.1	Extinguishing equipment			
	Suitable extinguishing agents: Foam. AFFF. Water mist. Unsuitable extinguishing agents: none			
5.2	Special hazards caused by the substance or mixture			
	Do not inhale the gases produced by the explosion or combustion. The combustion produces heavy smoke.			

B Component Casting Resin Slow 6325

Safety Data Sheet

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5.3	Advice for firefighters
	<p>Fire precautions: No open flames, no sparks, and no smoking.</p> <p>Firefighting instructions: Do not enter the fire zone without suitable safety equipment, including respiratory protection.</p> <p>Protection during firefighting: Cool the exposed vessels with a water spray or mist.</p> <p>Additional information: Exercise extreme caution when fighting a chemical fire.</p> <p>Collect the contaminated extinguishing water used for the fire separately. Do not discharge into the sewer. Move the undamaged containers out of the danger zone, if this can be done safely.</p>
SECTION 6: Measures in the event of accidental release of the substance or mixture	
6.1	Personal precautions, protective equipment and emergency procedures
	<p>Wear personal protective equipment. Wear respiratory equipment when exposed to vapors/dust/aerosols. Ensure good ventilation. Use suitable respiratory protective equipment. Consult the protective measures as set out in points 7 and 8.</p>
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
	additional information available
6.2	Environmental precautions
	<p>Prevent penetration into the soil/subsoil. Prevent runoff into surface water or the sewer. Store the contaminated rinse water and dispose of it. In the event of a gas leak or infiltration into watercourses, soil, or sewers, notify the responsible authorities. Suitable material for collection: absorbent material, organic matter, sand.</p>
6.3	Methods and material for containment and cleaning up
	<p>For containment: Use suitable waste containers.</p> <p>Cleaning methods: Clean up spilled product as soon as possible using an absorbent product. Rinse with plenty of water</p>
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
	<p>Avoid contact with skin and eyes, and inhalation of vapors and mist. Use the local ventilation system. Do not use empty containers before they have been cleaned. Before moving, check that the containers do not contain any residue of incompatible material. Remove contaminated clothing and protective equipment before entering areas where food is eaten.</p> <p>Do not eat or drink during work. Reference is also made to paragraph 8 for the recommended protective equipment.</p>

B Component Casting Resin Slow 6325

Safety Data Sheet

pursuant to Regulation (EC) No 453/2010

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Revision date: // Version: 1.0

	7.2	Conditions for safe storage, including incompatible products
		Keep away from food, drink, and feed. Incompatible substances: None in particular. See also paragraph 10 below. Instructions for the rooms. Well-ventilated rooms.
	7.3	Specific end-use
		B Component casting resin
SECTION 8: Exposure control measures/personal protection		
	8.1	Control parameters
		Components with limit values for the workplace The product contains no ingredients for which exposure values have been established.
	8.2	Measures to control exposure
		Eye protection: Use closed safety glasses; do not use contact lenses. Skin protection: Use clothing that guarantees total skin protection, e.g. made of cotton, rubber, PVC, or Viton. Hand protection: Use safety gloves that guarantee total protection, e.g. made of PVC, neoprene, or rubber. Respiratory protection: Use suitable respiratory protection. Thermal risks None Environmental exposure controls None Appropriate technical measures: None
SECTION 9: Physical and chemical properties		
	9.1	Information about basic physical and chemical properties
		Physical state: Liquid Color: transparent / yellowish Odour: characteristic. ammonia Odor limit : 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 : 1.09 g/cm ³ 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
	9.2	Other information
		No additional information available
SECTION 10: Stability and reactivity		
	10.1	Reactivity

B Component Casting Resin Slow 6325

Safety Data Sheet

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		No additional information available
10.2	Chemical stability	
		Not determined.
10.3	Possible dangerous reactions	
		In contact with base metals (alkali metals and alkaline earths) and strongly reducing substances, it can produce flammable gases. In contact with oxidizing mineral acids, organic halogens, organic peroxides, and hydroperoxides, and strongly oxidizing substances, it can produce toxic gases. In contact with strongly oxidizing substances, it can ignite.
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	
		<p>Benzyl Alcohol Acute toxicity LD50 Oral - Rat - male - 1,620 mg/kg Remarks: (ECHA) : LC50 Inhalation - Rat - male and female - 4 h - > 4,178 mg/l - aerosol (OECD Test Guideline 403) Remarks: (Regulation (EC) No 1272/2008, Annex VI)</p> <p>Skin: No data available Skin corrosion/irritation Skin - Rabbit Result: No skin irritation - 4 h (OECD Guideline test 404) Serious eye damage/eye irritation Eyes - Rabbit Result: irritating (OECD Test Guideline 405) Respiratory/skin sensitization Maximisation test Result: negative (OECD Test Guideline 406)</p> <p>Germ cell mutagenicity No data available Carcinogenicity No data available Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Inhalation hazard No data available</p> <p>Polyoxypropylene diamine</p> <p>Acute toxicity LD50 Oral - Rat - 2,885.3 mg/kg LC50 Inhalation - Rat - 8 h - > 0.74 mg/l LD50 Skin - Rabbit - 2,980 mg/kg Skin corrosion/irritation Skin - Rabbit Result: Corrosive, category 1C - where reactions occur after exposure between 1 hour and 4 hours and observations up to 14 days. (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes - Rabbit Result: Corrosive to the eyes</p> <p>Respiratory/skin sensitization No data available Germ cell mutagenicity Animal studies have shown no mutagenic effects. Result: Not mutagenic in the Ames test. Carcinogenicity No data available Reproductive toxicity No data available Specific target organ toxicity - single exposure No data available Specific target organ toxicity - repeated exposure No data available Inhalation hazard No data available</p>
SECTION 12: Ecological information		
12.1	toxicity	
		Use the product normally and do not discharge the product into the environment.

B Component Casting Resin Slow 6325

Safety Data Sheet

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	<p>a) Acute danger to the aquatic environment: = - Remarks: WGK: 2 benzyl alcohol - CAS: 100-51-6 a) Acute threat to the aquatic environment: Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48 Species: Algae = 700 mg/l - Duration h: 72 Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 c) Toxicity to bacteria: Endpoint: EC50 = 390 mg/l - Duration hours: 24h Polyoxypropylene diamine Toxicity to fish Semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 15 mg/l - 96 h Static test NOEC - Oncorhynchus mykiss (rainbow trout) - 15 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates Static test EC50 - Daphnia (Water fly) - 80 mg/l - 48 h (OECD test guideline 202) NOEC - Daphnia (Water fly) - 18 mg/l - 48 h</p>
12.2 Persistence and degradability	<p>None benzyl alcohol - CAS: 100-51-6 Biodegradability: Rapidly biodegradable - Test: NA - Duration hours: NA - %: NA - Comments: NA Polyoxypropylenediamine Biological Result: 0% - Based on the research results regarding Aldrich-406651 Page 8 of 9 The life science business of Merck operates as MilliporeSigma in the US and Canada biodegradability, this substance is not easily biodegradable. (OECD test guideline 301 B)</p>
12.3 Bioaccumulation:	
	<p>Use the product normally and do not discharge it into the environment. a) Acute danger to the aquatic environment: = - Remarks: WGK: 2 benzyl alcohol - CAS: 100-51-6 a) Acute danger to the aquatic environment: Endpoint: EC50 - Species: Daphnia = 230 mg/l - Duration h: 48 Species: Algae = 700 mg/l - Duration h: 72 Endpoint: LC50 - Species: Fish = 460 mg/l - Duration h: 96 c) Toxicity to bacteria: Endpoint: EC50 = 390 mg/l - Duration h: 24h Polyoxypropylene diamine Toxicity to fish Semi-static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 15 mg/l - 96 h Static test NOEC - Oncorhynchus mykiss (rainbow trout) - 15 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates Static test EC50 - Daphnia (Water fly) - 80 mg/l - 48 h (OECD test guideline 202) NOEC - Daphnia (Water fly) - 18 mg/l - 48 h</p>
12.4 Mobility in the soil	
	No data
12.5 Results of PBT and zPzB assessment	
	No additional information available
12.6 Other harmful effects	
	Avoid discharge into the vicinity.
SECTION 13 Disposal instructions	
13.1 Waste processing methods	
	<p>Recommendations for waste disposal: Dispose of safely in accordance with local/national regulations. Prevent discharge into the environment</p>
SECTION 14: Information regarding transport	
	Land transport (ADR / RID / GGVSEB)
14.1 UN number	
	ADR-UN Number: 2735

B Component Casting Resin Slow 6325

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		IATA-UN Number: 2735 IMDG-UN Number: 2735
	14.2	Proper shipping name in accordance with the UN Model Regulations:
		ADR-Shipping Name: POLYAMINES, LIQUID, CORROSIVE, NEG (O,O'-Bis(2-aminopropyl)polypropylene glycol) IATA-Shipping Name: : POLYAMINES, LIQUID, CORROSIVE, NEG (O,O'-Bis(2-aminopropyl)polypropylene glycol) IMDG-Shipping Name: : POLYAMINES, LIQUID, CORROSIVE, NEG (O,O'-Bis(2-aminopropyl)polypropylene glycol)
	14.3	Transport hazard class(es):
		ADR Class: 8 ADR - Hazard identification number: 80 IATA Class: 8 IATA Label: 8 IMDG-Class: 8 IMDG Class: 8
	14.4	Packaging group:
		ADR Packing Group: II IATA Packing group: II IMDG-Packing group: II
	14.5	Environmental hazards:
		ADR Environmental Pollutant: No IMDG-Marine pollutant: No
	14.6	Special precautions for the user:
		ADR-Subsidiary risks: - ADR-SP: 274 ADR-Transport Category (Code for restrictions in tunnels): (E) IATA-Passenger Aircraft: 851 IATA-Subsidiary risks: - IATA-Cargo Aircraft: 855 IATA-SP: A3 A803 IATA-ERG: 8L IMDG-EmS: FA SB IMDG-Subsidiary risks: - IMDG-Stowage and handling: Category B IMDG-Segregation: Clear of living quarter
	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
		Directive 98/24/EC (Risks associated with chemicals at work) Directive 2000/39/EC (Occupational exposure limit values) Regulation (EC) No 1907/2006 (REACH) Regulation (EC) No 1272/2008 (CLP) Regulation (EC) No 790/2009 (ATP 1 CLP) and (EU) No 758/2013 Regulation (EU) 2015/830 Regulation (EU) No 286/2011 (ATP 2 CLP) Regulation (EU) No 618/2012 (ATP 3 CLP) Regulation (EU) No 487/2013 (ATP 4 CLP) Regulation (EU) No 944/2013 (ATP 5 CLP) Regulation (EU) No 605/2014 (ATP 6 CLP) Restrictions regarding the product or the substances contained therein in accordance with Annex XVII of Regulation (EU) 1907/2006 (REACH) and subsequent amendments: Restrictions regarding the product: Restriction 3 Restrictions regarding the substances it contains: No restrictions. Where applicable, refer to the following provisions: Directive 2012/18/EY

B Component Casting Resin Slow 6325

Safety Data Sheet

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	(Seveso III) Regulation (EC) No 648/2004 (detergents). Directive 2004/42/EC (VOC Directive) Provisions relating to EU Directive 2012/18 (Seveso III): Seveso III category in accordance with Annex 1, Part 1 NA.
15.2	Chemical safety assessment
	No chemical safety assessment has been performed
SECTION 16: Other information	
	<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>Full text of abbreviated H-phrases</p> <p>Relevant H-phrases from Chapter 3</p> <p>Aquatic Chronic 2 Chronic hazard to the aquatic environment, Category 2 Eye Irrit. 2 Serious eye damage/eye irritation, Category 2 Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitization, Categories 1</p> <p>H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation</p> <p>H411 Toxic to aquatic organisms, with long-lasting effects</p>
	<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>