

B Component Casting Resin Very Slow 6350**Safety Data Sheet**

according 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 6350 Product group: Casting resins		
	1,2	Relevant identified use Main use category Industrial/ Professional use spec. Use of the substance or the mixture Forms of use that are advised against	:	Use, Hobby Decoupage/ jewelry 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 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 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:		

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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/...

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 3-aminomethyl-3,5,5-trimethylcyclohexylamine Special 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

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	3.2	Not applicable			
		name	Product identification	%	Classification in accordance with Regulation (EC) No 1272/2008 [CLP]
		Polyoxypropylene diamine	CAS: 9046-10-0 REACH No. 01- 2119557899 -12	99-100 3.2/1B	Skin Corr. 1B H314 4.1/C2 Aquatic Chronic 2 H41
		Harmless substances			
		Full content of the R, H and EUH phrases: see section 16			
SECTION 4: First aid measures					
	4.1	Description of 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:			
	5.2	none Special hazards caused by the substance or mixture Do not inhale the			
		gases produced by the explosion or combustion. Combustion produces heavy smoke			
	5.3	Advice for firefighters			
		Fire precautions: No open flames, no sparks, and no smoking.			

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		<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>
	7.2	Conditions for safe storage, including incompatible products
		Keep away from food, drink, and feed.

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		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
		benzyl alcohol - CAS: 100-51-6 TLV TWA - 10 ppm 45 45 mg/m ³ m-phenylene bis(methylamine) - CAS: 1477-55-0 ACGIH - STEL: Ceiling 0.1 mg/m ³ - Comments: Skin - Eye, skin, and GI irr bisphenol A - CAS: 80-05-7 UE - TWA(8h): 10 mg/m ³ - Remarks: inhalable aerosol DNEL exposure limit values benzyl alcohol - CAS: 100-51-6 Consumer: 25 mg/kg - Exposure: Human Oral - Frequency: Short-term, systemic effects Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long-term, systemic effects Professional: 47 mg/kg - Exposure: Human Dermal - Frequency: Short-term, systemic effects Professional: 9.5 mg/kg - Exposure: Human Dermal - Frequency: Long-term, systemic effects PNEC exposure limit values benzyl alcohol - CAS: 100-51-6 Target: Soil (agricultural) - Value: 0.456 mg/kg Target: Fresh water sediments - Value: 5.27 mg/kg Target: Seawater sediments - Value: 0.527 mg/kg Target: Seawater - Value: 0.1 mg/l Target: Fresh water - Value: 1 mg/l 3-aminomethyl-3,5,5-trimethylcyclohexylamine - CAS: 2855-13-2 Purpose: Fresh water - Value: 0.06 mg/l Target: Seawater - Value: 0.006 mg/l Target: Freshwater sediments - Value: 5.784 mg/kg Target: Seawater sediments - Value: 0.578 mg/kg Target: Soil (agricultural) - Value: 1.121 mg/kg
	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 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 : 1.09 g/cm ³

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		<p>Solubility : No data available Log Pow : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosion 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
		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>Toxicological information of the product: NA Toxicological information of the main substances in the product benzyl alcohol - CAS: 100-51-6 a) acute toxicity: Test: LD50 - Route of exposure: Oral - Species: Rat = 1620 mg/kg Test: LC50 - Mode of exposure: Inhalation - Species: Rat > 4178 mg/m3 - Duration: 4h b) skin corrosion/irritation: Test: Irritating to the skin Negative c) serious eye damage/eye irritation: Test: Irritating to the eyes Positive e) germ cell mutagenicity: Test: mutagenesis Positive - Source: OECD 476 in vitro Test: mutagenesis Negative - Source: OECD 474 g) reproductive toxicity: Test: Reproductive toxicity - Route of exposure: Oral - Species: Mouse Positive 750 mg/kg - Remarks: 192h Test: Reproductive toxicity - Route of exposure: Oral - Strains: Mouse Negative 550 mg/kg - Remarks: 240h 3-aminomethyl-3,5,5-trimethylcyclohexylamine - CAS: 2855-13-2 a) acute toxicity: Test: LD50 - Mode of exposure: Oral - Species: Rat = 1030 mg/kg Test: LC50 - Mode of exposure: Inhalation - Species: Rat > 5.01 mg/l - Duration: 4h - Source: OCSE - linea guida 403 Test: LD50 - Mode of exposure: Skin - Species: Rat > 2000 mg/kg - Source: OECD - linea guida 402 b) skin corrosion/irritation: Test: Corrosive to the skin - Mode of exposure: Skin - Species: Rabbit Positive Test: Stinging to the eyes - Species: Rabbit Positive d) sensitization of the respiratory tract/skin: Test:</p>

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		<p>Skin sensitization Positive - Source: Contatto ripetuto e) Germ cell mutagenicity: Test: mutagenesis Negative f) Carcinogenicity: Test: Carcinogenicity Negative g) Reproductive toxicity: Test: Reproductive toxicity Negative m-phenylene bis(methylamine) - CAS: 1477-55-0 a) Acute toxicity: Test: LD50 - Route of exposure: Oral - Species: Rat = 930 mg/kg Test: LD50 - Route of exposure: Skin - Species: Rabbit > 3100 mg/kg Test: LC50 -</p> <p>Mode of exposure: Inhalation - Species: Rat = 1.34 mg/l - Duration: 4h b) skin corrosion/irritation: Test: Corrosive to skin Positive c) serious eye damage/eye irritation: Test: Corrosive to the eyes Positive e) germ cell mutagenicity: Test: mutagenesis Negative f) carcinogenicity: Test: Carcinogenicity Negative bisphenol A - CAS: 80-05-7 a) acute toxicity: Test: LD50 - Route of exposure: Oral - Species: Rat = 4100 mg/kg -</p> <p>Remarks: Male rat Test: LD50 - Route of exposure: Oral - Species: Rat = 3300 mg/kg - Remarks: Female rat Test: LC50 - Species: Rabbit = 3000 mg/kg b) skin corrosion/irritation: Test: Irritant to the skin Positive c) serious eye damage/eye irritation: Test: Irritant to the eyes Positive d) respiratory/skin sensitization: Test: Irritant to the respiratory tract - Route of exposure: Inhalation Positive Unless otherwise specified, the information required in Regulation (EU) 2015/830 should be considered as not applicable:</p> <p>a) acute toxicity; b) skin corrosion/irritation; c) serious eye damage/eye irritation; d) respiratory/skin sensitization; e) germ cell mutagenicity; f) carcinogenicity; g) reproductive toxicity; h) STOT upon single exposure; i) STOT upon repeated exposure; j) inhalation hazard.</p>
SECTION 12: Ecological information		
	12.1	toxicity
		<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</p> <p>Polyoxypropylene diamine</p> <p>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</p> <p>Polyoxypropylenediamine</p> <p>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>benzyl alcohol - CAS: 100-51-6 Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentration factor 1.37 - Duration h: NA - Comments: NA 3-aminomethyl-3,5,5-trimethylcyclohexylamine - CAS: 2855-13-2 Bioaccumulation: Not bioaccumulative - Test: NANA - Duration h: NA - Comments: NA</p>

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12.4	Mobility in the soil	
		Mobility in soil: Not mobile - Test: NANA - Duration: NA - Comments: NA
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	
		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	
		ADR-UN Number: 2735 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: -

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		IATA-Cargo Aircraft: 855 IATA-SP: A3 A803 IATA-ERG: 8L IMDG-EmS: FA IMDG-Subsidiary , SB 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
		(Hazards associated with chemicals at work) Directive 2000/39/EC (Occupational exposure limits) 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 (Seveso III) Regulation (EC) No 648/2004 (detergents). Directive 2004/42/EC (VOC Directive) Provisions regarding 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		
		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.
		Full text of abbreviated H-phrases Relevant H-phrases from Chapter 3 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 H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic organisms, with long-lasting effects
		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, to the best of their knowledge,

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