



## A Component, EP 3900 Cast Floor

### 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 Component, A EP 3900 Cast floor 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 55 312 44 65 <a href="mailto:info@dutchresin.nl">info@dutchresin.nl</a>	Visiting address <b>Gladsaxe 19</b> <b>Apeldoorn</b>		
1.4		Emergency number: T +31 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  Classification in accordance with Regulation (EC) No 1272/2008 [CLP] Skin Irrit. 2 H315 Eye Irrit. 2 H319 Skin Sens. 1 H317 Aquatic Chronic 2 H411 Full text of the H-phrases: see section 16  Adverse physicochemical, health and environmental effects: No additional information available			
2.2		Adverse physico-chemical, health and environmental effects  No additional information available Labelling in accordance with Regulation (EC) No 1272/2008 [CLP] Classification in accordance with Regulation (EC) No 1272/2008 [CLP] Unclassified Hazard pictograms (CLP): GHS07 GHS09  Signal word (CLP): Warning			
				 	

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		<p>Hazardous components : reaction product: bisphenol-A-epichlorohydrin, epoxy resin (mean molecular weight <math>\bar{y}</math> 700), bisphenol-f type epoxy resin, oxirane, mono[(C12-14-alkoxy)methyl]-derivatives</p> <p>Hazard statements (CLP):  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</p> <p>Safety Recommendations (CLP):  P261 - Avoid inhalation of vapor, gas, mist, smoke, spray, dust  P273 - Avoid release into the environment  P280 - wear protective gloves, protective clothing  P302+P352 - IF IN CONTACT WITH SKIN: Wash with plenty of water P305+P351+P338 - IF CONTACT WITH EYES: rinse carefully with water for several minutes; remove contact lenses, if possible; continue rinsing.  P501 - Dispose of contents/packaging to a collection point for hazardous or special waste, in accordance with local, regional, national and/or international regulations</p>			
	2.3	Other dangers			
		No additional information available			
<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]
		reaction product: bisphenol-A-epichlorohydrin, epoxy resin (mean molecular weight $\bar{y}$ 700)	(CAS No.) 25068-38-6 (EC No) 500-033-5 (EU-Identification number) 603-074-00-8	5-60 Eye	Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411
		bisphenol-f type epoxy	(CAS no.) 28064-14-4 resin	1-15 Skin	Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
		oxirane, mono[(C12-14-alkoxy)methyl]-derivatives	(CAS No.) 68609-97-2 (EC No) 271-846-8 (EU-Identification number) 603-103-00-4	1-15 Skin	Irrit. 2, H315 Skin Sens. 1, H317
		Naphtha	(Cas-nr) 64742-49-0	<1	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411
		1,2,4-Trimethylbenzene	(Case No.) 95-63-6	<1	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411
		Harmless substances		5-90	
		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			

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		<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	<p>after inhalation: May cause an allergic skin reaction. after contact with skin: Causes skin irritation.</p>
4.3	Indication of the required immediate medical care and special treatment	No additional information available
<b>SECTION 5: Firefighting measures</b>		
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>
<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	<p>General measures: No smoking</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	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	<p>For containment: Use suitable waste containers. Cleaning methods: Clean up spilled product as soon as possible using an absorbent product.</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.
<b>SECTION 7: Handling and storage</b>		

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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
<b>SECTION 8: Exposure control measures/personal protection</b>	
8.1	Control parameters
	No additional information available
8.2	Measures to control exposure
	Personal protective equipment: Avoid unnecessary exposure. Gloves. Safety glasses. Hand protection: Wear protective gloves. Eye protection: Safety glasses. Respiratory protection: Wear a suitable mask. Other information: Do not eat, drink, or smoke during use.
<b>SECTION 9: Physical and chemical properties</b>	
9.1	Information about basic physical and chemical properties
	Physical state: thixotropic Color: Pigmented 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 : 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
9.2	Other information
	No additional information available

# A Component, EP 3900 Cast Floor

## Safety Data Sheet

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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 : Not classified	
	Skin corrosion/irritation : Causes skin irritation.	
	Serious eye damage/eye irritation : Causes serious eye irritation.	
	Respiratory/skin sensitization: May cause an allergic skin reaction.	
	Germ cell mutagenicity: Not classified. Classification criteria are not met based on available data. Carcinogenicity: Not classified. Classification criteria are not met based on available data. Reproductive toxicity: Not classified. Classification criteria are not met based on available data. Specific target organ toxicity (single exposure): Not classified. Classification criteria are not met based on available data. Specific target organ toxicity (repeated exposure)	
	Not classified Based on the available data, the classification criteria are not met Inhalation hazard : Not classified	
	Based on the available data, the classification criteria are not met	
	Potential harmful effects on human health and possible symptoms	
	Based on the available data, the classification criteria are not met.	
	Specific target organ toxicity - Single exposure	
	no data available	
	Specific target organ toxicity - Repeated exposure	
	no data available	
	Aspiration hazard: no data available	
SECTION 12: Ecological information		
	Ecotoxicology Assessment	
	Acute aquatic toxicity: no data available	
	Chronic aquatic toxicity: no data available	
12.1	Ecology - water	
	Toxic to aquatic organisms, with long-lasting effects.	

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12.2 Persistence and degradability	Can cause long-term harmful effects in the environment
12.3 Bioaccumulation:	no data available
12.4 Mobility in the soil	No additional information available
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: 3082 IATA-UN Number: 3082 IMDG-UN Number: 3082
14.2 Proper shipping name in accordance with the UN Model Regulations:	ADR Shipping Name: ENVIRONMENTALLY HAZARDOUS LIQUID, NEG Description on transport document UN 3082 ENVIRONMENTALLY HAZARDOUS LIQUID, NEG (CONTAINS ; reaction product: bisphenol-A-epichlorohydrin, epoxy resin (mean molecular weight $\bar{M}_n$ 700) (25068-38-6) CONTAINS ; bisphenol-f type epoxy  IATA Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS  IMDG Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS
14.3 Transport hazard class(es): 9	ADR Class: 9 ADR - Hazard identification number: 90 IATA Class: 9 IATA Label: 9 IMDG-Class: 9 IMDG Class: 9
14.4 Packaging group:	ADR Packing Group: II IATA Packing group: II IMDG-Packing group: II
14.5 Environmental hazards:	Environmental risks (Marine pollutant): -
14.6 Special precautions for the user:	

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	Yes, keep separate from food items, luxury food items, food items
14.61	Land Transport Classification Code (ADR):
	<p>M6 Special provision (ADR): 274, 335, 601          Limited quantities (ADR): 5l Excepted quantities (ADR): E1 Packing instructions (ADR): P001, IBC03, LP01, R001 Special packing requirements (ADR): PP1 Special requirements for joint packing (ADR): MP19 Instructions for transport tanks and bulk containers (ADR): T4 Special provisions for transport tanks and bulk containers (ADR): TP1, TP29 Tank code (ADR): LGBV Tank transport vehicle: AT Transport category (ADR): 3 Special provisions for transport - Parcels (ADR): V12 Special provisions for transport - Loading, unloading and handling (ADR): CV13 Hazard number (Kemler no.): 90 Orange identification mark: 90/ 3082</p> <p>Tunnel restriction code (ADR): E</p>
14.62	Transport on the open sea
	<p>Special provision (IMDG): 274, 335          Limited quantities (IMDG): 5 L Excluded quantities (IMDG): E1 Packing instructions (IMDG): P001, LP01 Special packing requirements (IMDG): PP1 IBC packing instructions (IMDG): IBC03 Tank instructions (IMDG): T4 Special provisions for tanks (IMDG): TP2, TP29 No.          NS (Fire): FA No.          NS (Waste) : SF          Stowage Category (IMDG) : A</p>
14.63	Air Transport PCA
	<p>Expected quantities (IATA): E1 PCA          Limited quantities (IATA): Y964 PCA limited quantity max. net quantity (IATA): 30kg PCA packing regulations (IATA): 964 PCA max. net quantity (IATA): 450L CAO packing regulation (IATA): 964 CAO max. net quantity (IATA): 450L          Special provision (IATA): A97, A158 ERG code (IATA): 9L</p>
14.64	Transport on inland waterways
	<p>Classification code (ADN): M6          Special provision (ADN): 274, 335, 61          Limited quantities (RDN): 5 L          Exceptional quantities (ADN): E1          Transport permitted (ADN): T          Required equipment (ADN):          PP Number of blue cones/lights (ADN) : 0          Not covered by the ADN: No</p>
14.65	Railway transport
	<p>Classification code (RID): M6          Special provision (RID): 274, 335, 601          Limited quantities (RID): 5L          Excluded quantities (RID): E1          Packing Instructions (RID): P001, IBC03, LP01, R001</p>

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	<p>Special packaging requirements (RID): PP1  Special provisions for joint packaging (RID): MP19  Instructions for transport tanks and bulk containers (RID): T4  Special provisions for transport tanks and bulk containers (RID): TP1, TP29 Tank codes for RID tanks (RID): LGBV  Transport category (RID): 3  Special provisions for transport - Parcels (RID): W12  Special provisions for transport - Loading, unloading and handling (RID): CW13, CW31 Express package (RID): CE8  Hazard Identification Number (RID): 90  Transport prohibited (RID): No</p>
14.7	Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC Code
	Not applicable
<b>SECTION 15: Regulations</b>	
15.1	Specific safety, health and environmental regulations and legislation for the substance or mixture
15.11	EU regulations
	No restrictions in accordance with Annex XVII of REACH. Contains no REACH candidate substance.
15,12	National regulations,
	<p>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</p>
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>Full text of abbreviated H-phrases</p> <p>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</p>

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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).

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