



A Component, EP 2970 Line Marking Coating

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 2970 Line marking coating 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 info@dutchresin.nl	Visiting address Gladsaxe 19 Apeldoorn		
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 \bar{y} 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

SECTION 3: Composition and information on ingredients

	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		

SECTION 4: First aid measures

	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
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	
		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.
SECTION 7: Handling and storage		

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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
SECTION 8: Exposure control measures/personal protection	
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.
SECTION 9: Physical and chemical properties	
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

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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	
		<p>Acute toxicity : Not classified</p> <p>Skin corrosion/irritation : Causes skin irritation.</p> <p>Serious eye damage/eye irritation : Causes serious eye irritation.</p> <p>Respiratory/skin sensitization: May cause an allergic skin reaction.</p> <p>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)</p> <p>Not classified Based on the available data, the classification criteria are not met Inhalation hazard : Not classified</p> <p>Based on the available data, the classification criteria are not met</p> <p>Potential harmful effects on human health and possible symptoms</p> <p>Based on the available data, the classification criteria are not met.</p> <p>Specific target organ toxicity - Single exposure no data available</p> <p>Specific target organ toxicity - Repeated exposure no data available</p> <p>Aspiration hazard: no data available</p>
SECTION 12: Ecological information		
		<p>Ecotoxicology Assessment</p> <p>Acute aquatic toxicity: no data available</p> <p>Chronic aquatic toxicity: no data available</p>
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.
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: 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
SECTION 15: Regulations	
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
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 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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