

HydroCoat Monoflex Adhesive

Component B

Revision: 1.5 - 12 June 2026
Code: HS-MFA

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Identifier

- Product name: Newton HydroCoat Monoflex Adhesive (Component B)
- Product code: HS-MFA

Relevant identified uses of the substance and uses advised against

- Suitable uses: Hardening compound for epoxy resin-based coatings
- Not recommended uses: Uses not specified in this section or Section 7.3

Details of the Supplier of the Material Safety Data Sheet

- Company Address: Newton Waterproofing Systems, Newton House, 17-20 Sovereign Way, Tonbridge, Kent TN9 19
- Web: www.newtonwaterproofing.co.uk
- Email address of the competent person: info@newtonwaterproofing.co.uk
- Emergency telephone number: +44 (0)1732 360095: 08:00/17:30 (GMT) Mon-Thur & 08:00/17:00 (GMT) Fri

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Official Gazette -11.12.2013- 28848 (SEA):

The classification of this product is made according to the Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in RG.-11/12/2013-28848.

Acute Tok. 4: Acute toxicity (oral) and acute toxicity (inhalation), Hazard Category 4, H302+H332

Skin Aşnd. 1B: Abrasion/Irritation on Skin, Hazard Category 1B, H314

The skin is sensitive. 1A: Sensitivity-Skin, Hazard Category 1A, H317

Eye Hsr. 1: Serious Eye Damage/Eye Irritation, Hazard Category 1, H318

Aquatic Chronic 2: Harmful to the Aquatic Environment-Chronic Hazard,

Category 2, H411 Urm. Sis.Tok. 2: Reproductive System Toxicity, Hazard

Category 2, H361f

2.2 Label Elements

- Official Gazette -11.12.2013- 28848 (SEA):
- Danger



Harmfulness statements:

Acute Tok. 4: H302+H332 - Harmful if swallowed or inhaled.

Skin Aşnd. 1B: H314 - Causes severe skin burns and eye damage.

The skin is sensitive. 1A: H317 - Causes allergic skin reactions.

Aquatic Chronic 2: H411 - Long-lasting, toxic effect on aquatic environment.

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Urm. Sis.Tok. 2: H361f - Suspected of harm to reproduction.

Precautionary statements:

P101: If medical advice is required, keep the packaging or label.

P102: Keep out of reach of children.

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

P301+P330+P331: IF SWALLOWED: Rinse your mouth, DO NOT attempt to resign.

P305+P351+P338: IF IN EYES: Rinse carefully with water for a few minutes. If it is attached and easy to do, remove the contact lenses. Continue to rinse.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Component that determines the danger for the label

Oligomeric reaction products with fatty acids, C18-unsatd., dimers, long-fatty fatty acids and triethylenetetramine;

Cycloaliphatic amine; Bisphenol A; Benzyl alcohol

2.3 Other damages:

The product does not comply with PBT/vPvB criteria

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Items: Not applicable

3.2 Blends:

Chemical description: A mixture of reactive amines/amides

According to the third article of the RG.-13/12/2014-29204-REGULATION ON SAFETY DATA SHEETS ON HARMFUL SUBSTANCES AND MIXTURES, the product contains:

Identity	Chemical name/classification		Concentration
CAS: 68082-29-1 EC: 500-191-5 Index: Not applicable	Oligomeric reaction products with fatty acids, C18-unsatd., Dimers, long-fatty fatty acids and triethylenetetramine ⁽¹⁾		25 - 50 < %
	SEA	The skin is sensitive. 1A: H317; Vol. Tah. 2: H315; Eye Hsr. 1: H318; Aquatic Chronic 2: H411 Hazard   	
CAS: 38294-64-3 EC: 500-101-4 Index: Not applicable	Cycloaliphatic amine ⁽¹⁾		25 - 50 < %
	SEA	Skin Aşnd. 1B: H314; The skin is sensitive. 1: H317; Eye Hsr. 1: H318; Aquatic Chronic 3: H412 Hazard  	
CAS: 80-05-7 EC: 201-245-8 Index: 604-030-00-0	Bisphenol A ⁽¹⁾		10 - <25 %
	SEA	BHOT Single Mrz.3: H335; The skin is sensitive. 1: H317; Eye Hsr. 1: H318; Aquatic Chronic 2: H411; Urm. Sis.Tok. 2: H361f - Hazard    	
CAS: 100-51-6 EC: 202-859-9 Index: 603-057-00-5	Benzyl alcohol ⁽¹⁾		10 - <25 %
	SEA	Acute Tok. 4: H302+H332; Eye Tah. 2: H319 - Caution 	

¹ Substances that pose a hazard to health and the environment that meet the criteria in REQUIREMENTS FOR THE PREPARATION OF SAFETY DATA SHEETS For more information on the hazard level of substances, see headings 8, 11, 12, 15 and 16.

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4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Seek immediate medical attention by showing the SDS of this product

Respiration:

Remove the affected person from the exposed area to fresh air and keep them in a supine position. In severe cases, such as respiratory and cardiac arrest, immediate medical attention will be required and artificial respiration techniques will be applied (CPR, CPR, oxygen administration, etc.)

Contact with skin:

Remove contaminated clothing and shoes, rinse the skin or, if appropriate, take a shower with plenty of cold water and neutral soap. If the effect is severe, consult a doctor. If the mixture leads to burns or frostbite, clothing stuck to the skin should not be removed, as the lesion may worsen. In case of swelling on the skin, they should not be burst under any circumstances, as this will increase the risk of infection.

Eye contact:

Rinse the eyes for at least 15 minutes with plenty of water at ambient temperature. Prevent the affected person from rubbing or closing their eyes. If the person involved in the accident wears contact lenses and the lenses are not stuck to the eye, they must be removed, otherwise further damage may occur. In any case, after washing, it is necessary to consult a doctor as quickly as possible along with the product SDF.

Oral/inhaled:

Seek medical attention immediately by showing the product SDS. Do not induce vomiting because it can cause damage to the mucosa in the upper digestive tract and respiratory tract when inhaled. Rinse the mouth and throat with water, as it may be affected if swallowed. In case of loss of consciousness, do not give anything by mouth until you see a doctor. Keep the affected person in a supine position.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Acute and delayed effects are set out in sections 2 and 11.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Not applicable

5. FIRE-FIGHTING MEASURES

5.1 Fire extinguishers

It is not flammable under normal storage, processing and use. If it becomes flammable due to improper storage, handling or use, preferably, use polyvalent powder fire extinguishers (ABC powder). DO NOT use tap water for extinguishing purposes.

5.2 Special damages caused by the substance or mixture:

As a result of combustion or thermal degradation, it produces reaction sub-products that can be highly toxic, posing a high risk to health

5.3 Advice for firefighting crews:

Depending on the size of the fire, it may be necessary to use full protective clothing and individual breathing equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Further information:

In case of accidents and other emergencies, act in accordance with the Internal Emergency Plan and SDS. Eliminate any source of sparks. In the event of a fire, cool containers and tanks that are likely to ignite, explode or heat due to high temperatures. Do not allow the products used in fire extinguishing to be poured into the aqueous environment.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

If this does not pose an additional danger to the people who will do the work, isolate the leaks. The use of personal protective equipment is mandatory in case of contact with the spilled product (see section 8). Evacuate the area and keep unprotected persons away.

6.2 Environmental Precautions

Regardless, do not allow any spillage into the aquatic environment. Keep the sucked product in airtight containers. In case of exposure to the public or the environment, report the situation to the competent authorities.

6.3 Methods and Materials for Containment and Cleaning Up

It is recommended: Clean up the spill with sand or an inert absorbent and transport it to a safe place. Do not impregnate with sawdust or other flammable absorbents. See section 13 for issues relating to its elimination.

6.4 Reference to Other Sections

8th and 13th See headings.

7. HANDLING AND STORAGE

7.1 Conditions for safe storage, including discrepancies:

A.- Recommendations for safe use

Working procedures in accordance with Article 7 of the Regulation on Health and Safety Measures in Working with Chemical Substances published in the Official Gazette dated 12.8.2013 and numbered 28733 and Article 7 of the Regulation on Health and Safety Measures in Working with Carcinogenic or Mutagen Substances published in the Official Gazette dated 6.8.2013 and numbered 28730 regarding the measures to be taken in the works and workplaces where hazardous chemicals are worked in order to ensure the protection of health, safety and the environment, and Organizational measures should be acted upon, care should be taken to plan the working procedures in the workplace and to take organizational measures. It is imperative to comply with industrial hygiene standards in order to prevent ingestion of chemicals during use, contact with eyes and skin. Keep spills and wastes under control and eliminate them with safe methods (chapter 6). Avoid spilling freely from the container. Keep the place where dangerous products are used tidy and clean.

B.- Warnings for protection against fire and explosion

Non-flammable product under normal storage and use conditions. It is recommended that they be transported at low speeds to avoid electrostatic charges that can affect flammable products. See section 10 on situations and items to avoid.

C.- Hygiene measures

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transport in places with appropriate safety conditions (soon emergency showers and eyewash showers) using personal protective equipment, especially for the face and hands (see section 8). Limit manual transportation to small volume containers. Do not eat or drink while using it, and then clean your hands with suitable cleaning products.

D.- Technical advice to prevent environmental hazards

Due to the fact that the product is dangerous for the environment, it is recommended to use it close to pollution control barriers and absorbent materials as a precaution in case of spillage.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

A.- Storage conditions

Minimum temperature: 5 °C

Maximum temperature: 35 °C

B.- General storage conditions.

Avoid heat, radiation, static electricity sources and contact with food. See section 10.5 for additional information.

7.3 Specific End Use(es)

With the exception of the instructions mentioned earlier, it is not necessary to follow any advice regarding the use of this product.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Exposure limit values Substances that need to be controlled in the working environment (Official Gazette-12.08.2013-28733, Chemical

Regulation on Health and Safety Measures in Working with Substances)

Identity	Li IT Environmental Values		
Bisphenol A	TWA (8 Hours)		10 mg/m ³
CAS: 80-05-7 EC: 201-245-8	STEL (15 min.)		

DNEL (Workers):

		Short-term exposure		Long-Term Exposure	
Identity		Systemic	Local	Systemic	Local
Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine CAS: 68082-29-1 EC: 500-191-5	By mouth	Not applicable	Not applicable	Not applicable	Not applicable
	Through the skin	Not applicable	Not applicable	1.1 mg/kg	Not applicable
	Respiration	Not applicable	Not applicable	3.9 mg/m ³	Not applicable
Cycloaliphatic amine CAS: 38294-64-3 EC: 500-101-4	By mouth	Not applicable	Not applicable	Not applicable	Not applicable
	Through the skin	Not applicable	Not applicable	0.14 mg/kg	Not applicable
	Respiration	Not applicable	Not applicable	0.98 mg/m ³	Not applicable
Bisphenol A CAS: 80-05-7 EC: 201-245-8	By mouth	Not applicable	Not applicable	Not applicable	Not applicable
	Through the skin	1.4 mg/kg	Not applicable	1.4 mg/kg	Not applicable
	Respiration	10 mg/m ³	10 mg/m ³	10 mg/m ³	10 mg/m ³
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	By mouth	Not applicable	Not applicable	Not applicable	Not applicable
	Through the skin	47 mg/kg	Not applicable	9.5 mg/kg	Not applicable
	Respiration	450 mg/m ³	Not applicable	90 mg/m ³	Not applicable

DNEL (Population):

		Short-term exposure		Long-Term Exposure	
Identity		Systemic	Local	Systemic	Local
Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine CAS: 68082-29-1 EC: 500-191-5	By mouth	Not applicable	Not applicable	0.56 mg/kg	Not applicable
	Through the skin	Not applicable	Not applicable	0.56 mg/kg	Not applicable
	Respiration	Not applicable	Not applicable	0.97 mg/m ³	Not applicable
Cycloaliphatic amine CAS: 38294-64-3 EC: 500-101-4	By mouth	Not applicable	Not applicable	0.05 mg/kg	Not applicable
	Through the skin	Not applicable	Not applicable	0.05 mg/kg	Not applicable
	Respiration	Not applicable	Not applicable	0.175 mg/m ³	Not applicable
Bisphenol A CAS: 80-05-7 EC: 201-245-8	By mouth	0.05 mg/kg	Not applicable	0.05 mg/kg	Not applicable
	Through the skin	0.7 mg/kg	Not applicable	0.7 mg/kg	Not applicable
	Respiration	5 mg/m ³	5 mg/m ³	0.25 mg/m ³	5 mg/m ³
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	By mouth	25 mg/kg	Not applicable	5 mg/kg	Not applicable
	Through the skin	28.5 mg/kg	Not applicable	5.7 mg/kg	Not applicable
	Respiration	40.55 mg/m ³	Not applicable	8.11 mg/m ³	Not applicable

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PNEC:

	Short-term exposure		Long-Term Exposure	
Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine CAS: 68082-29-1 EC: 500-191-5	STP	3.84 mg/L	Freshwater	0.00434 mg/L
	Soil	86.78 mg/kg	Seawater	0.000434 mg/L
	Intermittent	0.0434 mg/L	Sediment (Fresh water)	434.02 mg/kg
	By mouth	Not applicable	Sediment (Sea water)	43.4 mg/kg
Cycloaliphatic amine CAS: 38294-64-3 EC: 500-101-4	STP	10 mg/L	Freshwater	0.0111 mg/L
	Soil	0.00279 mg/kg	Seawater	0.00111 mg/L
	Intermittent	0.111 mg/L	Sediment (Fresh water)	0.0456 mg/kg
	By mouth	1 g/kg	Sediment (Sea water)	0.00456 mg/kg
Bisphenol A CAS: 80-05-7 EC: 201-245-8	STP	320 mg/L	Freshwater	0.018 mg/L
	Soil	3.7 mg/kg	Seawater	0.016 mg/L
	Intermittent	0.01 mg/L	Sediment (Fresh water)	2.2 mg/kg
	By mouth	13.8 g/kg	Sediment (Sea water)	0.44 mg/kg
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	STP	39 mg/L	Freshwater	1 mg/L
	Soil	0.456 mg/kg	Seawater	0.1 mg/L
	Intermittent	2.3 mg/L	Sediment (Fresh water)	5.27 mg/kg
	By mouth	Not applicable	Sediment (Sea water)	0.527 mg/kg

8.2 Exposure controls:

A.-Occupational exposure controls

Equipment and appropriate protection methods to be used in places where personal protection is required 02.07.2013 and numbered 28695

It is defined in accordance with the "Regulation on the Use of Personal Protective Equipment in the Workplace". Related Make sure that personal protective equipment is used in accordance with the regulations and conditions. For more information, see the informative brochure provided by the manufacturer.

Keep away from foodstuffs, beverages and animal feed. Remove dirty, contaminated clothing items immediately.

Wash your hands at the end of work and when you take a break from work. Avoid direct contact with eyes and skin.

Do not eat or drink any food while using this substance. Do not smoke.

See section 7.1 for more information.

B.- Protection of the respiratory system

Pictogram	BKE	Sign	CEN Standards	Observations
Mandatory protection of the respiratory tract 	Automatic filtering mask for gases and vapours		EN 405:2001+A1:2009	If there is an odor or taste of the contaminant inside the mask or face adapter, replace it. If the contaminated substance does not have good foreshadowing properties, it is recommended to use insulating equipment.

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C.- Protection of hands

Pictogram	BKE	Sign	CEN Standards	Observations
Mandatory protection of hands 	Chemical protective gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	Dispose of time specified by the manufacturer (Breakthrough Time) should be more than the product usage time. Do not use protective cream after the product comes into contact with the skin.

Since the product is a mixture of different materials, the durability of the glove material is not accurately calculated in advance and therefore must be checked before application.

D.- Protection of the eyes

Pictogram	BKE	Sign	CEN Standards	Observations
Mandatory protection of the face 	Face screen		EN 166:2001 EN 167:2001 EN 168:2001 EN ISO 4007:2012	Clean daily and disinfect periodically in accordance with the manufacturer's instructions.

E.- Protection of the skin

Pictogram	BKE	Sign	CEN Standards	Observations
Mandatory protection of hands 	Disposable protective clothing against chemical hazards		EN 13034:2005+A1:2009 EN168:2001 EN ISO 139821:2004/A1:2010 EN ISO 6529:2001 EN ISO 6530:2005 EN 464:1994	Use only at work. Clean periodically according to the manufacturer's instructions.
Mandatory protection of hands 	Safety footwear against chemical hazards		EN ISO 20345:2011 EN 13832-1:2006	Change boots when signs of wear are seen.

F.- Emergency supplementary measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2002	 Eye goblet	DIN 12 899 ISO 3864-1:2002

Environmental exposure controls:

In accordance with the European Union environmental protection legislation, do not release the product and its packaging into the environment. See paragraph 7.1.D for additional information.

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Volatile organic compounds:

20.12.2014 RG: 29211 "REGULATION ON THE CONTROL OF AIR POLLUTION FROM INDUSTRY" has the following features:

U.O.B. (Feeding): 0 %weight

U.O.B. Concentration @ 20 °C: 0 kg/m³ (0 g/L) °C:

Average carbon number: Not applicable

Average molecular weight: Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

- Refer to the product technical card to complete the information.

Physical appearance:

- Physical state @ 20 °C: Liquid
- View: Liquid
- Colour: Ambergris 
- Smell: Aminik
- Odor threshold: Not applicable *

Volatility:

- Starting boiling point and boiling range: 136 °C
- Vapor pressure @ 20 °C: 7 Pa
- Vapour pressure @ 50 °C: 0.64 (0.09 kPa)
- Evaporation rate @ 20 °C: Not applicable *

Product characterization:

- Density @ 20 °C: 1013 kg/cu.m.
- Relative density @ 20 °C: 1,013
- Dynamic viscosity @ 20 °C: 16.23 cP
- Kinematic viscosity @ 20 °C: 16.02 cSt
- Kinematic viscosity @ 40 °C: Not applicable *
- Concentration: Not applicable * pH: Not applicable *
- Vapor density @ 20 °C: Not applicable *
- Dispersion coefficient: n-octanol/water @ 20 °C: Not applicable *
- Solubility in water @ 20 °C: Not applicable *
- Dissolvability feature: Not applicable *
- Decomposition temperature: Not applicable *
- Melting point/freezing point: Not applicable *
- Explosive properties: Not applicable *
- Oxidizing properties: Not applicable *

*Not valid due to the nature of the product, does not provide characteristic information about the level of dangerousness

Flammability:

- Flash Point: > 100 °C
- Flammability (solid, gas): Not applicable *

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- Automatic ignition temperature: 406 °C
- Lower flammability or explosive limits: Not applicable *
- Upper flammability or explosive limits: Not applicable *

Explosive:

- Lower explosive limits: Not applicable *
- Upper explosive limits: Not applicable *

9.2 Further information:

- Superficial tension @ 20 °C: Not applicable *
- Refractive index: Not applicable *

*Not valid due to the nature of the product, does not provide characteristic information about the level of dangerousness

10. STABILITY AND REACTION

10.1 Reaction:

If the technical instructions for storing chemical products are followed, no hazardous reactions are expected. See heading 7.

10.2 Chemical stability:

Chemically stable under specified storage and usage conditions.

10.3 Possibility of harmful reactions:

No hazardous reaction is expected that could produce pressure or extreme temperature under the specified conditions.

10.4 Situations to avoid:

Applicable for use and storage at room temperature:

Collision and friction	Contact with air	Warmup	Sunlight	Moisture
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Items to avoid:

Acids	Water	Flammable substances	Sunlight	Moisture
Avoid strong acids	Not applicable	Precaution	Not applicable	Avoid alkalis or strong bases

10.6 Harmful decomposition products:

See sections 10.3, 10.4 and 10.5 for specific information on degradation products. Depending on the degradation conditions, complex chemical mixtures can be released as a result: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

There is no test information on the mixture in terms of its toxicity properties

Dangerous effects for health:

In the case of exposure repeatedly, for a long time or at concentrations above the limits established in relation to then exposure of professionals, it can generate adverse effects for health, depending on the route of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Ingestion of a large dose may cause throat irritation, abdominal pain, nausea and vomiting.- Corrosive/ Irritation: The corrosive product, when consumed, destroys the entire tissue of the fabric, leading to burns. For more information on secondary effects in skin contact, see chapter 2.ye.

B- Inhalation (acute effect):

- Acute toxicity: Exposure to its high concentrations leads to headache, pressure on the central nervous system, such as nausea, dizziness, vomiting, lightheadedness and, in severe cases, loss of consciousness.

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- Corrosiveness/Irritation: The product has a corrosive effect on the mucous membranes and upper respiratory tract in case of prolonged inhalation.

C- In contact with skin and eyes (acute effect):

- Skin contact: Skin contact occurs with the destruction of clothing of all thicknesses, causing burns. See section 2 for more information on secondary effects in contact with the skin.

- Contact with eyes: It causes serious eye damage after contact.

D- Carcinogenic, Mutagenic and Toxicological effects for Reproduction:

- Carcinogenicity: According to current knowledge, it does not meet the classification criteria. See section 3 for more information.

IARC: Not applicable

- Mutagenicity: According to the available information, it does not meet the classification criteria. See section 3 for more information.- Reproductive toxicity: Suspected of harm to fertility

E- Sensitization:

- Respiratory: According to current knowledge, it does not meet the classification criteria. See section 3 for more information.- Skin-related: Prolonged contact with the skin can lead to allergic dermal contact episodes.

F- Specific Target:

Organ Toxicity-single exposure:

According to available information, it does not meet the classification criteria. See section 3 for more information.

G- Specific Target Organ Toxicity -repeated exposure:

- Specific target organ systemic toxicity-repeated dose exposure: According to available information, it does not meet the classification criteria. See section 3 for more information.

- Volume: According to the available information, it does not meet the classification criteria. See section 3 for more information.

H- Aspiration harm:

According to available information, it does not meet the classification criteria. See section 3 for more information.

Additional Information: Not applicable Additional Information:

Identity	Battery toxicity		Kind
Bisphenol A CAS: 80-05-7 EC: 201-245-8	LD50 oral	5100 mg/kg	Mouse
	LD50 dermal	3000 mg/kg	Hare
	LC50 breathing	Not applicable	
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	LD50 oral	500 mg/kg	Mouse
	LD50 dermal	2500 mg/kg (ATEi)	
	LC50 breathing	11 mg/L (4 h) (ATEi)	

12. ECOLOGICAL INFORMATION

12.1 ECOLOGICAL INFORMATION

Identity		Acute toxicity	Kind	Kind
Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine CAS: 68082-29-1 EC: 500-191-5	LC50	7 mg/L (96 h)	Danio rerio	Fish
	EC50	7 mg/L (48 h)	Daphnia magna	Barky
	EC50	4 mg/L (72 h)	Pseudokirchneriella subcapitata	Moss

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Cycloaliphatic amine CAS: 38294-64-3 EC: 500-101-4	LC50	10 - 100 mg/L (96 h)		Fish
	EC50	10 - 100 mg/L		Barky
	EC50	10 - 100 mg/L		Moss
Bisphenol A CAS: 80-05-7 EC: 201-245-8	LC50	4.6 mg/L (96 h)	Pimephales promelas	Fish
	EC50	3.8 mg/L (48 h)	Daphnia magna	Barky
	EC50	Not applicable		
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	LC50	646 mg/L (48 h)	Leuciscus idus	Fish
	EC50	400 mg/L (24 h)	Daphnia magna	Barky
	EC50	79 mg/L (3 h)	Scenedesmus subspicatus	Moss

12.2 Persistence and degradability:

Identity	SolveAvailability		Biodegradability	
Bisphenol A CAS: 80-05-7 EC: 201-245-8	BOD5	Not applicable	Concentration	100 mg/L
	KOI	Not applicable	Period	14 days
	BOD5/COD	Not applicable	% Biodegradable	0 %
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	BOD5	Not applicable	Concentration	100 mg/L
	KOI	Not applicable	Period	14 days
	BOD5/COD	Not applicable	% Biodegradable	94 %

12.3 Bioaccumulative potential:

Identity	BiooneKME potential	
Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine CAS: 68082-29-1 EC: 500-191-5	BCF	77
	POW Registration	
	Potential	Middle
Bisphenol A CAS: 80-05-7 EC: 201-245-8	BCF	67
	POW Registration	3,32
	Potential	Middle
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	BCF	0
	POW Registration	1,1
	Potential	Miscarriage

12.4 Mobility in soil:

Identity	Absorption / Desorption		Volatility	
Bisphenol A CAS: 80-05-7 EC: 201-245-8	King	796	Henry	1,013E-6 Pa·m ³ /mol
	Result	Miscarriage	Dry soil	No

Identity	Surface tension	3.76E-3 N/m (364.43 °C)	Moist soil	No
Benzyl alcohol CAS: 100-51-6 EC: 202-859-9	King	Not applicable	Henry	Not applicable
	Result	Not applicable	Dry soil	Not applicable
	Surface tension	3,679E-2 N/m (25 °C)	Moist soil	Not applicable

12.5. Results of PBT and vPvB assessment

The product does not comply with PBT/vPvB criteria

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12.6. Other adverse effects

Undefined

13. DISPOSAL CONSIDERATIONS

13.1 Waste processing methods:

Waste management (disposal and utilization):

Waste and used packaging must be disposed of in accordance with official regulations. Prevent it from mixing with surface and underground water, drinking water sources, stagnant and flowing water, sewage. The product must be disposed of in accordance with official regulations. Without pre-treatment, the product should never enter wastewater streams. It is strictly forbidden to mix the product into sewage and groundwater. In such cases, inform the official authorities. 7. For safe handling methods. Check out the section.

Legal provisions on waste management:

No. 29204 dated December 13, 2014. Within the scope of the "REGULATION ON SAFETY DATA SHEETS ON HARMFUL SUBSTANCES AND MIXTURES", the provisions of institutions and states related to waste management are specified. Legislation:

02.04.2015 R.G. 29314 WASTE MANAGEMENT REGULATION

14. TRANSPORT INFORMATION

Land transport (ADR/RID):

Applies to ADR 2017 and RID 2017:

Hazard pictograms



14.1 UN number: UN3082

14.2 Proper UN transport name: UN2735

AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, ABRASIVE, N.O.B. (Cycloaliphatic amine; Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine)

14.3 Transport hazard class(s):

Tags: 8

14.4 Packing group:

14.5 Environmental damages: 8

14.6 Special precautions for the user II

Special provisions: Yes

Delimitation code in tunnels:

Physical-chemical properties: 274

LQ: E

14.7 Bulk transport according to See heading 9

MARPOL 73/78 annex II 1 L and IBC code: Not applicable

HydroCoat Monoflex Adhesive

Component B

Sea freight (IMDG): UN2735



Applies to IMDG 38-16: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, ABRASIVE, N.O.B. (Cycloaliphatic amine; Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine)

14.1 UN number: UN2735

14.2 Proper UN transport name:

14.3 Transport hazard class(s): 8

Tags: II

14.4 Packing group: Yes

14.5 Environmental damages:

14.6 Special precautions for the 274

user Special provisions: F-A, B-W

EmS Codes: See heading 9

Physical-chemical properties: 1 L

LQ: 18

Decomposition group: Not applicable

14.7 Bulk transport according to

MARPOL 73/78 annex II and IBC code: Air transport (IATA/ICAO):

Applies to IATA/ICAO 2018:

Air transport (IATA/ICAO): UN2735



14.1 UN number: UN2735

14.2 Proper UN transport name: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, ABRASIVE, N.O.B. (Cycloaliphatic amine; Fatty acids, C18-unsatd., Dimers, products of oligomeric reaction with long-fatty fatty acids and triethylenetetramine)

14.3 Transport hazard class(s): 8

Tags:

14.4 Packing group: 8

14.5 Environmental damages: II

14.6 Special precautions for the user Yes

See heading 9

Physical-chemical properties: Not applicable

14.7 Bulk transport according to MARPOL 73/78 annex II and IBC code:

HydroCoat Monoflex Adhesive

Component B

15. REGULATORY INFORMATION

15.1. Substance or mixture-specific safety, health and environmental legislation:

Restrictions on the Manufacture, Placing on the Market and Use of Certain Harmful Substances, Mixtures and Articles (Annex 17, etc...):

These liquid substances or mixtures;

- a) In decorative items, for example, decorative lamps and ashtrays in order to create light or color effects with different appearances,
- b) In games and jokes,
- c) It cannot be used in games played with one or more people or in any item planned to be used in these games, even for decorative purposes.

Special provisions relating to the protection of persons or the environment:

It is recommended that the information compiled in the Safety Data Sheet be used as input information in assessing the level of dangerousness of the conditions in order to determine the measures necessary to prevent hazards associated with the handling, use, storage and disposal of this product Other legislation:

Regulation on Safety Data Sheets for Harmful Substances and Mixtures

Regulation on Classification, Labeling and Packaging of Harmful Substances and Mixtures Occupational Health and Safety Law

Regulation on Health and Safety Measures in Working with Carcinogenic and Mutagen Substances

Regulation on Health and Safety Measures in Working with Chemical Substances

Regulation on the Use of Personal Protective Equipment in Workplaces

Manual Handling Works Regulation

Waste Management Regulation

15.2 Chemical Rating:

The supplier has not carried out a chemical safety assessment.

16. OTHER INFORMATION

Legislation related to the safety data sheet:

This document has been prepared in accordance with (EU) No 1272/2008 and ISO 11014:2009, within the framework of the "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" dated 13 December 2014 and numbered 29204 and has been prepared and approved by accredited expert personnel certified as stipulated by the regulation.

Changes related to the previous security card that concern ways to manage risks:

Not applicable

The sections of the legal text considered in section 2 are:

H318: Causes serious eye damage.

H317: May cause allergic skin reactions.

H411: Long-lasting, toxic effect in aquatic environment.

H361f: Suspected of reproductive harm.

H302+H332: Harmful if swallowed or inhaled.

H314: Causes severe skin burns and eye damage.

The sections of the legal text considered in section 3 are:

The statements listed do not relate to the product itself, but are for informational purposes only and relate to the individual components seen in section 3 Official Gazette -11.12.2013- 28848 (SEA):

Acute Tok. 4: H302+H332 - Harmful if swallowed or inhaled.

BHOT Tek Mrz.3: H335 - May cause respiratory tract irritation.

HydroCoat Monoflex Adhesive

Component B

Skin Aşnd. 1B: H314 - Causes severe skin burns and eye damage.

The skin is sensitive. 1: H317 - Causes allergic skin reactions.

The skin is sensitive. 1A: H317 - Causes allergic skin reactions.

Vol. Tah. 2: H315 - Causes skin irritation.

Eye Hsr. 1: H318 - Causes serious eye damage.

Eye Tah. 2: H319 - Causes serious eye irritation.

Aquatic Chronic 2: H411 - Long-lasting, toxic effect on aquatic environment.

Aquatic Chronic 3: H412 - Long-lasting, harmful effect on aquatic environment. Urm. Sis.Tok. 2: H361f - Suspected of harm to reproduction.

Classification procedure:

Eye Hsr. 1: Calculation method

The skin is sensitive. 1A: Calculation method

Aquatic Chronicle 2: Calculation method

Urm. Sis.Tok. 2: Calculation method

Acute Tok. 4: Calculation method

Skin Aşnd. 1B: Calculation method

Write down training recommendations for the safe use of the substance/mixture:

With regard to preventing work hazards for personnel who will use this product, a minimum of training is recommended to facilitate the understanding and interpretation of this Safety Data Sheet as well as the product label Main literature references and information sources: <http://www.resmigazete.gov.tr/> <https://kimyasallar.csb.gov.tr/>

Abbreviations and acronyms:

SEA: RG.-11/12/2013-28848 Published Regulation on Classification, Labeling and Packaging of Substances and Mixtures

ADR: European Agreement on the International Carriage of Dangerous Goods by Road

IMDG: Regulation on the Transport of Dangerous Goods at Sea

IATA: International Air Transport Association Dangerous Goods Legislation

ICAO: International Civil Transport Organization Technical Instructions

COD: Chemical oxygen requirement

BOD5: Biological oxygen requirement after 5 days

BCF: biodensity factor

LD50: lethal dose 50

LC50: lethal concentration 50

EC50: effective concentration 50

Log POW: octanol-water separation coefficient logarithm

Aries: organic carbon separation coefficient

The information contained in this safety data sheet is based on applicable European and government legislation, sources and know-how and its accuracy is not guaranteed. This information does not guarantee product specifications, but is only a description of safety-related requirements. The methods and operating conditions to be followed by users of this product are beyond our knowledge and control, and it is the user's ultimate responsibility to take the necessary measures to comply with the regulatory requirements regarding the administration, storage, use and disposal of chemical products. The information in this safety data sheet relates to this product only and the product must not be used for purposes other than those specified.