

Safety data sheet

This SDS is an English translation of Regulation (EU) nº 2015/830, without any country-specific legislation

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006

Light Grey

	Light Grey			
Date of	e of compilation: 14/01/2019 Revised: 04/12/2020 Version: 1	1 (Replaced 10)		
SEC	SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTUR	E AND OF THE COMPANY/UNDERTAKING		
1.1	MS-POLYMER BASED MI	JLTIPURPOSE FIXER)27002 Sand - 81027004 White - 81027006 Light Grey		
	Other means of identification:			
	Non-applicable			
1.2	.2 Relevant identified uses of the substance or mixture and uses a	advised against:		
	Relevant uses: Multiuse adhesive. For professional user only.			
	Uses advised against: All uses not specified in this section or in sect	tion 7.3		
1.3	.3 Details of the supplier of the safety data sheet:			
	RENOLIT IBERICA SA Ctra. del Montnegre, s/n 08470 Sant Celoni - Barcelona - España Phone.: +34 938484000 - Fax: +34 938675936 piscinas@renolit.com http://renolit.com			
1.4	http://renolit.com/swimmingpool .4 Emergency telephone number: +44 1235 239 670			
	http://renolit.com/swimmingpool .4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION **			
SEC	http://renolit.com/swimmingpool .4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION **			
SEC	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture:	ation (EC) No 1272/2008.		
SEC	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool A.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula 2.2 Label elements:	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regulat 2.2 Label elements: CLP Regulation (EC) No 1272/2008:	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula 2.2 Label elements: CLP Regulation (EC) No 1272/2008: Hazard statements:	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 EECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula 2.2 Label elements: CLP Regulation (EC) No 1272/2008: Hazard statements: Non-applicable	ation (EC) No 1272/2008.		
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regulat 2.2 Label elements: CLP Regulation (EC) No 1272/2008: Hazard statements: Non-applicable Precautionary statements:	ation (EC) No 1272/2008.		
SEC 2.1 2.2	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula 2.2 Label elements: CLP Regulation (EC) No 1272/2008: Hazard statements: Non-applicable Precautionary statements: P102: Keep out of reach of children. Supplementary information: EUH208: Contains Dioctylbis(pentane-2,4-dionato-O,O')tin, N-(3-(tr reaction.			
SEC 2.1	http://renolit.com/swimmingpool 1.4 Emergency telephone number: +44 1235 239 670 SECTION 2: HAZARDS IDENTIFICATION ** 2.1 Classification of the substance or mixture: CLP Regulation (EC) No 1272/2008: The product is not classified as hazardous according to CLP Regula 2.2 Label elements: CLP Regulation (EC) No 1272/2008: Hazard statements: Non-applicable Precautionary statements: P102: Keep out of reach of children. Supplementary information: EUH208: Contains Dioctylbis(pentane-2,4-dionato-O,O')tin, N-(3-(tr reaction.			

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS **

3.1 Substance:

Non-applicable

3.2 Mixture:

Chemical description: Mixture composed of pigments and resins in solvents

Components:

None of the substances contained in the mixture are above the values fixed in Annex II of Regulation (EC) No 1907/2006

** Changes with regards to the previous version



RENOLIT Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Date of compilation: 14/01/2019

Version: 11 (Replaced 10)

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:

Consult a doctor in case of discomfort showing the SDS for the product.

Revised: 04/12/2020

By inhalation:

In case of symptoms, move the person affected into fresh air.

By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety data Sheet **By eye contact:**

Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.

By ingestion/aspiration:

In case of consumption in large quantities, it is recommended to seek medical assistance.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media:

Product is non-flammable, with a low risk of fire due to the flammabliity characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,...)

Unsuitable extinguishing media:

Non-applicable

5.2 Special hazards arising from the substance or mixture:

Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:





RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Light O

Date of compilation: 14/01/2019 Revised: 04/12/2020 Version: 11 (Replaced 10)

SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 5 °C

Maximum time: 18 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3

DNEL (Workers):

Non-applicable

DNEL (General population):

Non-applicable

PNEC:

Non-applicable

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

RENOLIT Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Light Ore

Image: Centre of the second		: 14/01/201			rsion: 11 (Replaced 10)	J)
Pictogram PPE Labelling CEN Standard Reprises gloves in case of any sign prolonged periods of exposure of the glove material can not be calculated in an total reliability and has herefore to be checked prior to the application. B. At the product is a mixture of several substances, the resistance of the glove material can not be calculated in an total reliability and has herefore to be checked prior to the application. Clean daily and finite referore to be checked prior to the application. D. Cutlar and facial protection Period gram PPE Labelling CEN Standard Remarks E. Body protection Panoramic glasses against splatyprojections. CEN Standard Remarks Clean daily and disinferct periodic the manufacturer's instructions to protestional/inductination are protection E. Body protection Work cothing CEN Standard Remarks Work cothing CEN Standard Remarks The Sto 2002 CONTROL of the application and the store of the splotection F. Additional emergency measures It is not necessary to take additional emergency measures. EN 160 20347.2012 Protection and violation distributes of the protection 7.1.D Murdacy protocol Ant-slip work shoes CEN 11 EN 160 20347.2012 Protection any exidence of a protection of the environment it is recommended to avoid envice sprotection affinitation sere to container. For additio				ONAL PRO	TECTION (continue)	(ב
Image: Second		·				
Image: Note of the constraint of the second secon	Pi	ictogram	PPE	Labelling	CEN Standard	Remarks
total reliability and has therefore to be checked prior to the application. D Coular and facial protection Pretogram Pretogram Pretogr				CATI		Replace gloves in case of any sign of da prolonged periods of exposure to the p professional users/industrials, we recom CE III gloves in line with standards EN - A1:2010 and EN ISO 374-1:2016+A
Image: Part of the synaphylocitions of the synaphylocitic of the synaphylocic the synaphylocitic of the synaphylocitic of the synaphy	total re	eliability an	d has therefore to be chec			erial can not be calculated in advan
Print and adverted and adverted adv	Pi	ictogram	PPE	Labelling	CEN Standard	Remarks
Pictogram PPE Labelling CEN Standard Replace before any evidence of diperiods of prolonged exposure to professional/industrial users recommended, in accordance with in EN ISO 6529:2013, EN ISO 633 Mork clothing CEN T EN ISO 20347:2012 Replace before any evidence of diperiods of prolonged exposure to professional/industrial users recommended, in accordance with in EN ISO 6529:2013, EN ISO 633 13688.2013, EN A 64:1 F Additional emergency measures EN ISO 20347:2012 Replace before any evidence of diperiods of prolonged exposure to professional/industrial users recommended, in accordance with in EN ISO 20345:2012 y EN 13 F Additional emergency measures It is not necessary to take additional emergency measures. Environmental exposure comtrols: In accordance with the community legislation for the protection of the environment it is recommended to avoid enviros pillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: V.O.C. (Supply): 2,62 % weight V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average molecular weight: 106,2 g/mol						Clean daily and disinfect periodically ac the manufacturer's instructions. Use if risk of splashing.
Vork clothing Content of the professional industrial users recommended, in accordance with in EN ISO 529:2013, EN ISO 633:2013, EN	E Body	protection				
Work clothing Image: Carrier of the sponence of	Pi	ictogram	PPE	Labelling	CEN Standard	Remarks
Anti-slip work shoes EN ISO 20347:2012 periods of prolongied exposure to professional/industrial users recommended, in accordance with in EN ISO 20345:2012 y EN 13 F Additional emergency measures It is not necessary to take additional emergency measures. Environmental exposure controls: In accordance with the community legislation for the protection of the environment it is recommended to avoid enviror spillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average molecular weight: 106,2 g/mol Enformation on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste			Work clothing	CATI		Replace before any evidence of deterior periods of prolonged exposure to the p professional/industrial users CE recommended, in accordance with the in EN ISO 6529:2013, EN ISO 6530:20 13688:2013, EN 464:1994.
It is not necessary to take additional emergency measures. Environmental exposure controls: In accordance with the community legislation for the protection of the environment it is recommended to avoid environ spillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: With regard to Directive 2010/75/EU, this product has the following characteristics: V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: 8 Average molecular weight: 106,2 g/mol TON 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste			Anti-slip work shoes		EN ISO 20347:2012	Replace before any evidence of deterion periods of prolonged exposure to the periofessional/industrial users CE recommended, in accordance with the in EN ISO 20345:2012 y EN 13832
Environmental exposure controls: In accordance with the community legislation for the protection of the environment it is recommended to avoid environ spillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: With regard to Directive 2010/75/EU, this product has the following characteristics: V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: 8 Average molecular weight: 106,2 g/mol TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	F Additio	onal emerg	ency measures			
In accordance with the community legislation for the protection of the environment it is recommended to avoid environs spillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: With regard to Directive 2010/75/EU, this product has the following characteristics: V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: Average molecular weight: 106,2 g/mol TON 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Physical stat	It is no	ot necessar	y to take additional emerg	ency measure	s.	
spillage of both the product and its container. For additional information see subsection 7.1.D Volatile organic compounds: With regard to Directive 2010/75/EU, this product has the following characteristics: V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: 8 Average molecular weight: 106,2 g/mol TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	Environm	nental exp	osure controls:			
V.O.C. (Supply): 2,62 % weight V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: 8 Average molecular weight: 106,2 g/mol TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	spillage of	f both the p	roduct and its container. F	or the protection for additional i	on of the environment it in nformation see subsection	s recommended to avoid environme on 7.1.D
V.O.C. density at 25 °C: 26,27 kg/m³ (26,27 g/L) Average carbon number: 8 Average molecular weight: 106,2 g/mol TOON 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	0				owing characteristics:	
Average carbon number: 8 Average molecular weight: 106,2 g/mol TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste						
Average molecular weight: 106,2 g/mol TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste		-		kg/m³ (26,27	g/L)	
TION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste		-		, .		
Information on basic physical and chemical properties: For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	Avera	ge molecul	ar weight: 106,2	g/mol		
For complete information see the product datasheet. Appearance: Physical state at 20 °C: Solid Appearance: Paste	TION 9: P	PHYSICA	_ AND CHEMICAL PR	OPERTIES		
Appearance: Physical state at 20 °C: Solid Appearance: Paste	Informati	on on basi	c physical and chemical	properties:		
Physical state at 20 °C: Solid Appearance: Paste	For comp	lete informa	ation see the product data	sheet.		
Appearance: Paste	Appearar	nce:				
	Physical s	state at 20 °	PC:	Solie	b	
Colour: Characteristic	Appearan	ce:		Pas	te	
	Colour:			Cha	racteristic	
	Odour:			Soft		

*Not relevant due to the nature of the product, not providing information property of its hazards.

RENOLIT Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Light Grey

Date of	compilation: 14/01/2019 Revised: 04/12/2020	Version: 11 (Replaced 10)
SEC	TION 9: PHYSICAL AND CHEMICAL PROPE	RTIES (continued)
	Odour threshold:	Non-applicable *
	Volatility:	
	Boiling point at atmospheric pressure:	Non-applicable *
	Vapour pressure at 25 °C:	Non-applicable *
	Vapour pressure at 50 °C:	Non-applicable *
	Evaporation rate at 25 °C:	Non-applicable *
	Product description:	
	Density at 25 °C:	1550 kg/m³
	Relative density at 25 °C:	1,55
	Dynamic viscosity at 25 °C:	Non-applicable *
	Kinematic viscosity at 25 °C:	Non-applicable *
	Kinematic viscosity at 40 °C:	>20,5 cSt
	Concentration:	Non-applicable *
	pH:	6 - 8
	Vapour density at 25 °C:	Non-applicable *
	Partition coefficient n-octanol/water 25 °C:	Non-applicable *
	Solubility in water at 25 °C:	
	Solubility properties:	Insoluble in water
	Decomposition temperature:	Non-applicable *
	Melting point/freezing point:	Non-applicable *
	Explosive properties:	Non-applicable *
	Oxidising properties:	Non-applicable *
	Flammability:	
	Flash Point:	>60 ℃
	Heat of combustion:	Non-applicable *
	Flammability (solid, gas):	Non-applicable *
	Autoignition temperature:	Non-applicable *
	Lower flammability limit:	Non-applicable *
	Upper flammability limit:	Non-applicable *
	Explosive:	
	Lower explosive limit:	Non-applicable *
	Upper explosive limit:	Non-applicable *
9.2	Other information:	
	Surface tension at 25 °C:	Non-applicable *
	Refraction index:	Non-applicable *
	*Not relevant due to the nature of the product, not providing inform	nation property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

- CONTINUED ON NEXT PAGE -

Document generated with Chemeter (www.siam-it.com)

Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Date of compilation: 14/01/2019 Revised: 04/12/2020 Version: 11 (Replaced 10)

SECTION 10: STABILITY AND REACTIVITY (continued)

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

LD50 oral > 2000 mg/kg (rat)

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met
- Corrosivity/Irritability: Based on available data, the classification criteria are not met
- B- Inhalation (acute effect):
 - Acute toxicity : Based on available data, the classification criteria are not met
 - Corrosivity/Irritability: Based on available data, the classification criteria are not met
- C- Contact with the skin and the eyes (acute effect):
 - Contact with the skin: Based on available data, the classification criteria are not met
 - Contact with the eyes: Based on available data, the classification criteria are not met
- D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
 - Carcinogenicity: Based on available data, the classification criteria are not met IARC: Xylene (3)
 - Mutagenicity: Based on available data, the classification criteria are not met
 - Reproductive toxicity: Based on available data, the classification criteria are not met
- E- Sensitizing effects:
 - Respiratory: Based on available data, the classification criteria are not met
 - Cutaneous: Based on available data, the classification criteria are not met
- F- Specific target organ toxicity (STOT) single exposure:

Based on available data, the classification criteria are not met

- G- Specific target organ toxicity (STOT)-repeated exposure:
 - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
- Skin: Based on available data, the classification criteria are not met
- H- Aspiration hazard:

Based on available data, the classification criteria are not met

Other information:



Safety data sheet

This SDS is an English translation of Regulation (EU) nº 2015/830, without any country-specific legislation

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

_.g... 0.

Date of compilation: 14/01/2019 Revised: 04/12/2020 Version: 11 (Replaced 10)

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Non-applicable

Specific toxicology information on the substances:

Not available

Acute Toxicity Estimate (ATE mix):

	ATE mix		
Oral	>2000 mg/kg (Calculation method)	Non-applicable	
Dermal	>2000 mg/kg (Calculation method)	Non-applicable	
Inhalation	>5 mg/L (4 h) (Calculation method)	Non-applicable	

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Not available

12.2 Persistence and degradability:

Not available

- 12.3 Bioaccumulative potential: Not available
- 12.4 Mobility in soil:

Not available

- 12.5 Results of PBT and vPvB assessment: Product fails to meet PBT/vPvB criteria
- 12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09	Non dangerous

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)



RENOLIT Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

Date of compilation: 14/01/2019

Revised: 04/12/2020

Version: 11 (Replaced 10)

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Seveso III:

Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc) :

Contains Dioctylbis(pentane-2,4-dionato-O,O')tin. Dioctyltin (DOT) compounds shall not be used after 1 January 2012 in the following articles for supply to, or use by, the general public, where the concentration in the article, or part thereof, is greater than the equivalent of 0,1 % by weight of tin: — textile articles intended to come into contact with the skin, — gloves, footwear or part of footwear intended to come into contact with the skin, - wall and floor coverings, - childcare articles, female hygiene products, - nappies, - two-component room temperature vulcani- sation moulding kits (RTV-2 moulding kits). Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is acting as biocide in free association paint. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture acts as biocide to prevent the fouling by micro-organisms, plants or animals of: (a) all craft irrespective of their length intended for use in marine, coastal, estuarine and inland waterways and lakes (b) cages, floats, nets and any other appliances or equipment used for fish or shellfish farming (c) any totally or partly submerged appliance or equipment. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters. Contains Dioctylbis(pentane-2,4-dionato-O,O')tin. 1. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is acting as biocide in free association paint. 2. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture acts as biocide to prevent the fouling by micro-organisms, plants or animals of: (a) all craft irrespective of their length intended for use in marine, coastal, estuarine and inland waterways and lakes (b) cages, floats, nets and any other appliances or equipment used for fish or shellfish farming

(c) any totally or partly submerged appliance or equipment. 3. Shall not be placed on the market, or used, as substances or in mixtures where the substance or mixture is intended for use in the treatment of industrial waters.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION **

Legislation related to safety data sheets:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

** Changes with regards to the previous version

RENOLIT Rely on it.

RENOLIT ALKORFIX MS-POLYMER BASED MULTIPURPOSE FIXER 81027001 Dark Grey - 81027002 Sand - 81027004 White - 81027006 Light Grey

	Li	ght Grey
Date of compilation: 14/01/2019	Revised: 04/12/2020	Version: 11 (Replaced 10)
SECTION 16: OTHER INFORM	ATION ** (continued)	
COMPOSITION/INFORMATIO · Removed substances Xylene (1330-20-7) N-(3-(trimethoxysilyl)prop Dioctylbis(pentane-2,4-di Substances that contribute to th · Removed substances Xylene (1330-20-7) CLP Regulation (EC) No 1272/ · Pictograms · Hazard statements Texts of the legislative phras	N ON INGREDIENTS (SEC oyl)ethylenediamine (1760- onato-O,O´)tin (54068-28-9 he classification (SECTION /2008 (SECTION 2, SECTI ses mentioned in section efer to the product itself; th	24-3) 9) N 2): ON 16):
CLP Regulation (EC) No 1272 Non-applicable Classification procedure: Non-applicable Advice related to training: Minimal training is recommended	ed in order to prevent indu- ion of this safety data shee	strial risks for staff using this product and to facilitate their et, as well as the label on the product.
http://eur-lex.europa.eu Abbreviations and acronyms	ncerning the international c angerous goods code rt Association on Organisation nd en demand 50 50 on coefficient	carriage of dangerous goods by road

** Changes with regards to the previous version

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -