

Trade name: Armaflex HT625

Current version: 7.0.0. issued: 28.08.2023 Replaced version: 6.0.0. issued: 01.02.2022 Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name

Armaflex HT625

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Adhesive for processing all flexible Armaflex insulation materials (except Armaflex Ultima)

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

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Advice on Safety Data Sheet

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1.4 **Emergency telephone number**

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Aquatic Chronic 2; H411 Eye Irrit. 2; H319 Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3: H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008: Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms









Signal word

Danger

Hazardous component(s) to be indicated on label:

ethyl-acetate



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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

butanone

Hydrocarbons, C6, isoalkanes, <5% n-hexane

Hazard statement(s)

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

Hazard statements (EU)

EUH208 Contains Colophony. May produce an allergic reaction.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

Vapours can form an explosive mixture with air.

PBT assessment No data available. vPvB assessment No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additi	ional information		
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Conce	entration		%
	REACH no					
1	ethyl-acetate					
	141-78-6	EUH066	>=	25.00 - <	50.00	wt%
	205-500-4	Eye Irrit. 2; H319				
	607-022-00-5	Flam. Liq. 2; H225				
	01-2119475103-46	STOT SE 3; H336				
2	Hydrocarbons, C6-C	7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	64742-49-0	Aquatic Chronic 2; H411	>=	10.00 - <	25.00	wt%
	921-024-6	Flam. Liq. 2; H225				
	649-328-00-1	Skin Irrit. 2; H315				
	01-2119475514-35	STOT SE 3; H336				
		Asp. Tox. 1; H304				
3	butanone					
	78-93-3	Flam. Liq. 2; H225	>=	10.00 - <	25.00	wt%
	201-159-0	Eye Irrit. 2; H319				
	606-002-00-3	STOT SE 3; H336				
	01-2119457290-43	EUH066				
4	Hydrocarbons, C6, is	soalkanes, <5% n-hexane				
	64742-49-0	Flam. Liq. 2; H225	>=	5.00 - <	10.00	wt%
	931-254-9	Asp. Tox. 1; H304				
	_	Skin Irrit. 2; H315				
	01-2119484651-34	STOT SE 3; H336				
		Aquatic Chronic 2; H411				
5	Colophony					
	8050-09-7	Skin Sens. 1; H317	<	1.00		wt%
	232-475-7					
	650-015-00-7					
0	-					
6	zinc oxide					

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1314-13-2	Aquatic Acute 1; H400	<	1.00	wt%
215-222-5	Aquatic Chronic 1, H410			
030-013-00-7				
-				

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
2	Р	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

When inhaled remove to fresh air and seek medical aid.

After skin contact

When in contact with the skin, clean with soap and water.

After eve contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Do not induce vomiting. Rinse the mouth thoroughly with water. Let plenty of water be drunk in small gulps. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Irritating to eyes, respiratory system and skin. Light-headedness; Dizziness; Headache; Nausea

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Carbon dioxide; Dry chemical extinguisher; Foam

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); Hydrogen chloride (HCI)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Exclude sources of ignition and ventilate the area. Do not inhale vapours.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not keep the container sealed.

6.4 Reference to other sections

No data available.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Take precautionary measures against static charges. Use explosion-proof equipment/fittings and non-sparking tools. Vapours can form an explosive mixture with air. Vapours are heavier than air and may spread along floors. Heating up leads to increase of pressure - danger of bursting.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep under lock and key or accessible only to specialists or people who are authorized. Protect from heat and direct sunlight.

Recommended storage temperature

Value 15 - 30 °C

Storage stability

Value max. 18 months

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Appropriate Material stainless steel

Incompatible products

Do not store together with: oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
	2017/164/EU				
	Ethyl acetate				
	WEL short-term (15 min reference period)	1468	mg/m³	400	ppm
	WEL long-term (8-hr TWA reference period)	734	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Ethyl acetate				
	WEL short-term (15 min reference period)			400	ppm
	WEL long-term (8-hr TWA reference period)			200	ppm
2	butanone	78-93-3		201-159-0	
	2000/39/EC				
	Butanone				
	WEL short-term (15 min reference period)	900	mg/m³	300	ppm
	WEL long-term (8-hr TWA reference period)	600	mg/m³	200	ppm
	List of approved workplace exposure limits (WELs) / EH40				
	Butan-2-one				
	WEL short-term (15 min reference period)	899	mg/m³	300	ppm
	WEL long-term (8-hr TWA reference period)	600	mg/m³	200	ppm
	Comments	Sk, BMGV			
3	Colophony	8050-09-7		232-475-7	
	List of approved workplace exposure limits (WELs) / EH40				
	Rosin-based solder flux fume				
	WEL short-term (15 min reference period)	0.15	mg/m³		
	WEL long-term (8-hr TWA reference period)	0.05	mg/m³		
	Comments	Sen			

DNEL, DMEL and PNEC values



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DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	ethyl-acetate			141-78-6	
				205-500-4	
	dermal	Long term (chronic)	systemic	63	mg/kg/day
	inhalative	Long term (chronic)	systemic	734	mg/m³
	inhalative	Short term (acut)	systemic	1468	mg/m³
	inhalative	Long term (chronic)	local	734	mg/m³
	inhalative	Short term (acut)	local	1468	mg/m³
2	butanone			78-93-3	
				201-159-0	
	dermal	Long term (chronic)	systemic	1161	mg/kg/day
	inhalative	Long term (chronic)	systemic	600	mg/m³
	inhalative	Short term (acut)	systemic	900	mg/m³
3	Hydrocarbons, C6, isoalkane	es, <5% n-hexane		64742-49-0	
	-			931-254-9	
	dermal	Long term (chronic)	systemic	13964	mg/kg/day
	inhalative	Long term (chronic)	systemic	5306	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC	no
	Route of exposure	Exposure time	Effect	Value	
1	ethyl-acetate		·	141-78-6 205-500-4	
	oral	Long term (chronic)	systemic	4.5	mg/kg/day
	dermal	Long term (chronic)	systemic	37	mg/kg/day
	inhalative	Long term (chronic)	systemic	367	mg/m³
	inhalative	Short term (acut)	systemic	734	mg/m³
	inhalative	Long term (chronic)	local	367	mg/m³
	inhalative	Short term (acut)	local	734	mg/m³
2	butanone			78-93-3 201-159-0	
	oral	Long term (chronic)	systemic	31	mg/kg/day
	dermal	Long term (chronic)	systemic	412	mg/kg/day
	inhalative	Long term (chronic)	systemic	106	mg/m³
	inhalative	Short term (acut)	systemic	450	mg/m³
3	Hydrocarbons, C6, isoalka	nnes, <5% n-hexane		64742-49- 931-254-9	0
	oral	Long term (chronic)	systemic	1301	mg/kg/day
	dermal	Long term (chronic)	systemic	1377	mg/kg/day
	inhalative	Long term (chronic)	systemic	1131	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	ethyl-acetate		141-78-6	
			205-500-4	
	water	fresh water	0.24	mg/L
	water	marine water	0.024	mg/L
	water	fresh water sediment	1.15	mg/kg dry weight
	water	marine water sediment	0.115	mg/kg dry weight
	soil	-	0.148	mg/kg dry weight
	sewage treatment plant	-	650	mg/L
	secondary poisoning	-	0.2	g/kg
	with reference to: food			

8.2 Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Respirator

A2/P2

Eye / face protection

Safety glasses with side protection shield (EN 166)

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Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material

Other

Chemical-resistant work clothes. Fire-resistant antistatic protective clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation			
Form			
liquid			
Colour light yellow; brownish			
Odour			
like solvents			
pH value No data available			
Boiling point / boiling range			
Value	Mandada a	56	°C
Reference substance	Naphtha		
Melting point/freezing point No data available			
Decomposition temperature No data available			
Flash point			
Value Reference substance	Naphtha	-26	°C
Ignition temperature No data available			
Flammability No data available			
Lower explosion limit			
Value Reference substance	Naphtha	1	% vol
Upper explosion limit	тарпаа		
Value	Ethyd a a tata	12.8	% vol
Reference substance	Ethyl acetate		
Vapour pressure Value		21	kPa
Reference temperature Reference substance	Naphtha	20	°C
Relative vapour density	1 . respective		
No data available			
Relative density No data available			
Density			
Value Reference temperature	appr.	0.84 20	g/cm³ °C
Solubility in water	hanna (n. 1911)		
Comments	immiscible		

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	bility				
No d	ata available				
Parti	tion coefficient n-octanol/water (log value)				
No	Substance name		CAS no.		EC no.
1	ethyl-acetate		141-78-6		205-500-4
log F Refe	ow rence temperature			0.68 25	°C
Sour		ECHA			
2	butanone		78-93-3		201-159-0
log F Refe	ow rence temperature			0.3 40	°C
Meth Sour		OECD 117 ECHA			
Kine	matic viscosity				
Value Refe	rence temperature	appr.	450 20	mPa*s °C	
Туре		dynamic			
Solv	ent content				
Value)	appr.	82	%	
Solid	Is content				
Value		аррг.	18	%	
Parti	cle characteristics				
No d	ata available				

9.2 Other information

Other information	
No data available.	

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Protect from heat and direct sunlight.

10.5 Incompatible materials

strong oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acut	te oral toxicity				
No	Substance name		CAS no.		EC no.
1	ethyl-acetate		141-78-6		205-500-4
LD50		>		5600	mg/kg bodyweight
Spec	cies	rat			
Sour	ce	ECHA			
2	butanone		78-93-3		201-159-0
LD50				2054	mg/kg bodyweight
Spec	cies	rat			
Meth	od	OECD 423			
Sour	ce	ECHA / Read ad	cross		
3	zinc oxide		1314-13-2		215-222-5
LD50)	>		5000	mg/kg bodyweight
Spec	cies	rat			
Meth	od	OECD 401			
Sour	ce	ECHA			



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cute dermal toxicity				
o Substance name		CAS no.	EC no.	
ethyl-acetate		141-78-6	205-500-4	4
D50	>		20000 n	ng/kg bodyweight
pecies	rabbit			
ource	ECHA			
cute inhalational toxicity				
lo Substance name		CAS no.	EC no.	
	n-alkanes, isoalkanes, cyclics, <5%	64742-49-0	921-024-0	6
n-hexane				
.C50	>		25.2 n	ng/l
Ouration of exposure			4 h	1
state of aggregation	Vapour			
Species	rat			
Source	ECHA	-1-1- d () () ()	and the section of th	4
valuation/classification	Based on avail	able data, the cla	ssification criteria are not	met.
kin corrosion/irritation				
o Substance name		CAS no.	EC no.	
ethyl-acetate		141-78-6	205-500-4	4
Species	rabbit			
/lethod	OECD 404			
Source	ECHA			
valuation	low-irritant			
valuation/classification		·	assification criteria are not	
	n-alkanes, isoalkanes, cyclics, <5%	64742-49-0	921-024-0	6
n-hexane				
Species	rabbit			
Method	OECD 404			
Source	ECHA irritant			
Evaluation Evaluation/classification		able data the als	assification criteria are met	
butanone	Dased on avail	78-93-3	201-159-	
Ouration of exposure		10-33-3	4 h	
Species	rabbit		4 11	
Method	OECD 404			
Source	ECHA / Read a	across		
Evaluation	non-irritant	10.000		
Cariatia atta damaga /irritatian	-			
Serious eye damage/irritation Io Substance name		CAS no.	EC no.	
ethyl-acetate		141-78-6	205-500-4	1
Species	rabbit	141-10-0	200-000-	·
Method	OECD 405			
Source	ECHA			
Evaluation	low-irritant			
butanone	1011 111101111	78-93-3	201-159-0	0
species	rabbit			
Method	OECD 405			
Source	ECHA			
Evaluation	irritant			
Respiratory or skin sensitisat	tion			
lo Substance name		CAS no.	EC no.	
ethyl-acetate		141-78-6	205-500-4	1
Route of exposure	Skin	. 11 10-0	200-300-	
Species	guinea pig			
lethod	OECD 406			
ource	ECHA			
valuation	non-sensitizing	1		
butanone		78-93-3	201-159-0	0
Route of exposure	Skin			
pecies	guinea pig			
Method	OECD 406			
Source	ECHA			
	non-sensitizing	1		
valuation				
	The second second			
Germ cell mutagenicity Solution Solution	110110011011111111	CAS no.	EC no.	

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1 butanone	78-93-3 201-159-0
Type of examination	in vitro gene mutation study in bacteria
Species	Salmonella typhimurium
Method	OECD 471
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vitro Mammalian Chromosomal Aberration Test
Species	rat
Method	OECD 473
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vitro mammalian cell gene mutation test
Species	Mouse lymphoma cells
Method	OECD 476
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vivo mammalian somatic cell study: cytogenicity / erythrocyte micronucleus
Species	mouse
Method	OECD 474
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Rep	Reproduction toxicity					
No	Substance name	CAS no.	EC no.			
1	butanone	78-93-3	201-159-0			
Rout	e of exposure	inhalational				
Туре	Type of examination Prenatal Developmental Toxicity Study					
Spec	cies	rat				
Method OECD 414						
Sour	Source ECHA					
Eval	uation/classification	Based on available data, the classification crite	ria are not met.			

Carcinogenicity						
No	No Substance name CAS no. EC no.					
1	butanone	78-93-3	201-159-0			
Sour	Source ECHA					
Fyaluation/classification Based on available data, the classification criteria are not met						

		·			
STO	Γ - single exposure				
No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
Route	e of exposure	inhalational			
NOE	C		350	ppm	
Spec	ies	rat			
Sour	ce	ECHA			
Effects May cause drowsiness or dizziness.					
Evalu	uation/classification	Based on available data, the cla	assification cri	teria are met.	

STO	STOT - repeated exposure						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C6-C7, n-alkanes, isoalkanes,	cyclics, <5%	64742-49-0		921-024-6		
	n-hexane						
Route	e of exposure	inhalational					
NOA	EC			14000	mg/m³		
Spec	ies	rat					
Sour	ce	ECHA					
2	butanone		78-93-3		201-159-0		
Route	e of exposure	inhalational					
Spec	ies	rat					
Meth	od	OECD 413					
Sour	ce	ECHA					
Evalu	uation/classification	Based on ava	ilable data, the cl	assification cri	teria are not met.		

Aspiration hazard	
No data available	

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

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SECTION 12: Ecological information

12.1 Toxicity

Toxi	city to fish (acute)				
No	Substance name	CAS no.		EC no.	
1	ethyl-acetate	141-78-6		205-500-4	
LC5)		220	mg/l	
Dura	tion of exposure		96	h	
Spec	cies	Pimephales promelas			
Sour	ce	ECHA			
2	butanone	78-93-3		201-159-0	
LC5)		2973	mg/l	
Dura	ition of exposure		96	h	
Spec	cies	Pimephales promelas			
Meth	nod	OECD 203			
Sour	rce	ECHA			

Toxicity to fish (chronic)

No data available

Toxi	Toxicity to Daphnia (acute)					
No	Substance name	CAS no.		EC no.		
1	ethyl-acetate	141-78-6		205-500-4		
EC5	0		3090	mg/l		
Dura	tion of exposure		24	h		
Spec	cies	Daphnia magna				
Sour	ce	ECHA				
2	butanone	78-93-3		201-159-0		
EC5	0		308	mg/l		
Dura	tion of exposure		48	h		
Spec	cies	Daphnia magna				
Meth	od	OECD 202				
Sour	ce	ECHA				

Toxic	Toxicity to Daphnia (chronic)						
No	Substance name	CAS no.		EC no.			
1	ethyl-acetate	141-78-6		205-500-4			
NOE	C		2.4	mg/l			
Spec	ies	Daphnia magna		-			
Meth	od	OECD 211					

Toxic	Toxicity to algae (acute)						
No	Substance name	CAS no.		EC no.			
1	butanone	78-93-3		201-159-0			
EC50	0		1220	mg/l			
Dura	tion of exposure		96	h			
Spec	pies .	Raphidocelis subcapitata					
Meth	od	OECD 201					
Sour	ce	ECHA					

Toxicity to algae (chronic)						
No	Substance name	CAS no.		EC no.		
1	ethyl-acetate	141-78-6		205-500-4		
NOE	С	>	100	mg/l		
Spec	cies	Desmodesmus subspicatus		-		
Meth	od	OECD 201				
Sour	ce	ECHA				

No data available

12.2 Persistence and degradability

egradability			
Substance name	CAS no.		EC no.
ethyl-acetate	141-78-6		205-500-4
	COD		
		1.69	g O2/g
ce	ECHA		
uation	readily biodegradable		
butanone	78-93-3		201-159-0
	Substance name ethyl-acetate ce pation	Substance name CAS no. ethyl-acetate 141-78-6 COD ce ECHA readily biodegradable	Substance name ethyl-acetate COD coc ECHA readily biodegradable

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Туре	aerobic biodegradation
Value	98 %
Duration	28 day(s)
Method	OECD 301 D
Source	ECHA
Evaluation	readily biodegradable

12.3 Bioaccumulative potential

Parti	tion coefficient n-octanol/water (log value)					
No	Substance name		CAS no.		EC no.	
1	ethyl-acetate		141-78-6		205-500-4	
log F	ow			0.68		
Refe	rence temperature			25	°C	
Sour	ce	ECHA				
2	butanone		78-93-3		201-159-0	
log F	ow			0.3		
Refe	rence temperature			40	°C	;
Meth	od	OECD 117				
Sour	ce	ECHA				

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment		
PBT assessment	No data available.	
vPvB assessment	No data available.	

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information	
Do not discharge into drains or waters and do not dispose of in public landfills.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Waste code 08 04 09* waste adhesives and sealants containing organic solvents or other hazardous

substances

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

dispose of in accordance with local regulation.

Packaging

Waste code 15 01 10* packaging containing residues of or contaminated by hazardous substances Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste

removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

Class 3 Classification code F1 Packing group Hazard identification no. 33 **UN** number UN1133 **ADHESIVES** Proper shipping name Special Provision 640 640D Tunnel restriction code D/E Label

Environmentally hazardous Symbol "fish and tree"

substance mark

14.2 Transport IMDG

Class 3 Packing group II

Trade name: Armaflex HT625

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UN number UN1133
Proper shipping name ADHESIVES

Technical name Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

EmS F-E, S-D Label 3

Marine pollutant mark Symbol "fish and tree"

14.3 Transport ICAO-TI / IATA

Class 3
Packing group II
UN number UN1133
Proper shipping name Adhesives
Label 3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

	Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET			
AND	AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES			
The	The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40			
The	The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.			
No	Substance name	CAS no.	EC no.	No
1	butanone	78-93-3	201-15	9-0 75
2	Colophony	8050-09-7	232-47	5-7 75
3	ethyl-acetate	141-78-6	205-50	0-4 75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances		
This product is subject to Part I of Annex I, risk category:	E2, P5b	
If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest		
qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply.		

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)			
VOC content	82 %		

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

National regulations

Other regulations

This product is regulated by Regulation (EU) No. 2019/1148: All suspicious transactions, disappearance and theft of significant quantities must be reported to the appropriate national contact point. See https://ec.europa.eu/home-affairs/sites/homeaffairs/files/what-we-do/policies/crisisand-

terrorism/explosives/explosivesprecursors/docs/list_of_competent_authorities_and_national_contact_points_en.pdf

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Trade name: Armaflex HT625

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Further information

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The information is based on our current knowledge however it does not represent a guarantee of product properties nor does it create any legal obligation.

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

D

The harmonised classification as a carcinogen applies unless the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen, in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard

class

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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