MSDS for #01256 - MARABU TEXTL PLUS Path of the solubation of the substance (EC) No 1997/2006 Path of the solubation of the substance (EC) No 1997/2006 Trade name: Marabu Textli plus 015, 15 ml MNA Version: 5 / GB Date revised: 09.07.2015 Substance number: 17159039015 Replaces Version: 4 / GB Print date: 25.01.17 SECTION 1: Identification of the substance/mixture and of the company/undertaking Interevised: 09.07.2015 1.1. Product identified uses of the substance or mixture and uses advised against Use of the substance/preparation Paint Path Identified Uses Substance or mixture households (= general public = consumers) PG9a Coastings and paints, thinners, paint removers Path 13. Details of the supplier of the safety data sheet Address Marabu Grebi A Co, KG Appergr Strasse 4 71722 Tamm Trade dates of PRSI® marabu.de PRSI® marabu.de Partonion provide Department product safety by / telephone PRSI® marabu.de Print date: 25.01.17 Classification of the substance or mixture This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008. 2.2. Label elements Labelling according to regulation (EC) No 1272/2008 The product date classified hazardous in accordance with Regulation (EC) No 1272/2008. 2.				01256-7915
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Use of the substance/preparation Paint Paint Identified Uses SU21 Consumer uses: Private households (= general public = consumers) PC9a 203 Coatings and paints, thinners, paint removers 13. Details of the supplier of the safety data sheet Address Marabu GmbH & Co. KG Asperger Strasse 4 71732 Tamm Germany Telephone no. +49-7141/691-0 Fax no. +49-7141/691-147 Information provided Department product safety by / telephone Department product safety by / telephone PRSI@marabu.de person responsible for this SDS 14. Emergency telephone number (+49) (0)621-60-43333 SECTION 2: Hazards identification **** E. 2.1. Label elements Labelling according to regulation (EC) No 1272/2008. 2.2. Label elements Labelling according to regulation (EC) No 1272/2008. 2.3. Other hazards No special hazards have to be mentioned. SECTION 3: Composition/information on ingredients *** A. Sho. 3.2. Mixtures Chemical characterization Paint based on acrylic resins and on water Hazardous ingredients ***		5, 15 ml MNA		
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CAS No. 104376-75-2 Concentration >= 1 < 10 %	-			
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	Classification (Regula	tion (EC) No.	1272/2008)	

Trade name: Marabu To	extil plus 015, 15 ml	MNA				ΔV
0	45000045	Version:			Date revised:	09.07.2015 ate: 25.01.17
Substance number: 17	159039015	Replaces	Version: 4/GB			ale. 23.01.17
	Aquatic Ch	ronic 3	H412			
2,2'-Oxybisetha	nol					
CAS No. EINECS no.	111-46-6					
Registration no	203-872-2 0. 01-211945 ⁻	7857-21				
Concentration		1	< 10	%		
Classification (Regulation (EC) No.	. 1272/2008)				
(Acute Tox.		H302			
	STOT RE 2	2	H373			
SECTION 4: Firs	<u>t aid measure</u>	es				
4.1. Description of	f first aid measu	ires				
After skin conta	act					
Wash with pler	nty of water and soa	p. Do NOT us	e solvents or thinr	ers.		
After eye conta	ct					
Senarate eveli	ds, wash the eyes th	noroughly with	water (15 min) I	n case of irr	itation concult an	n oculist.
Ocparate cyclic		lorouginy man		10030 01 11	itation consult al	
After ingestion					itation consult an	
After ingestion Rinse mouth th medical treatm	noroughly with water ent.	. If larger amo	ounts are swallowe	d or in the e	event of sympton	
After ingestion Rinse mouth th medical treatm 4.2. Most importan Until now no sy 4.3. Indication of a Hints for the ph	noroughly with water ent. It symptoms an ymptoms known so f any immediate n hysician / treatme	the first factor of the fi	ounts are swallowe	d or in the d	event of sympton	ns take
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After ingestion Rinse mouth the medical treatm 4.2. Most importan Until now no sy 4.3. Indication of a Hints for the phe Treat symptom SECTION 5: Fire 5.1. Extinguishing Suitable extinge Carbon dioxide 5.2. Special hazard	noroughly with water ent. Int symptoms any ymptoms known so f any immediate m any immediate m atically fighting meas media uishing media a, Foam, Sand, Wate	the substa	ounts are swallowe both acute and ention and spe	d or in the d delayed cial treat	event of sympton	ns take
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After ingestion Rinse mouth the medical treatm 4.2. Most important Until now no sy 4.3. Indication of a Hints for the phe Treat symptom SECTION 5: Fire 5.1. Extinguishing Suitable exting Carbon dioxide 5.2. Special hazard In the event of black smoke 5.3. Advice for fire Other informati	noroughly with water ent. In symptoms any ymptoms known so f any immediate m assician / treatme hatically fighting media uishing media a, Foam, Sand, Wate ds arising from fire the following car efighters	er the substa	ounts are swallowe both acute and ention and spe ention and spe ention and spe ention and spe ention and spe	d or in the o delayed cial treat	event of sympton	ns take
After ingestion Rinse mouth the medical treatm 4.2. Most important Until now no sy 4.3. Indication of a Hints for the phe Treat symptom SECTION 5: Fire 5.1. Extinguishing Suitable exting Carbon dioxide 5.2. Special hazard In the event of black smoke 5.3. Advice for fire Other informatit Collect contam	noroughly with water ent. In symptoms any ymptoms known so fany immediate in any immediate in advision / treatment hatically fighting media uishing media a, Foam, Sand, Wate ds arising from fire the following car efighters on hinated fire-fighting w	the substa n be released	ounts are swallowe both acute and ention and spe ention and spe carbon monoxide	d or in the o delayed cial treat	event of sympton	ns take
After ingestion Rinse mouth the medical treatment 4.2. Most important Until now no sy 4.3. Indication of at Hints for the phe Treat symptoment SECTION 5: Fire 5.1. Extinguishing Suitable exting Carbon dioxide 5.2. Special hazard In the event of black smoke 5.3. Advice for fire Other informati Collect contament SECTION 6: Accc 6.1. Personal prec	noroughly with water ent. In symptoms any ymptoms known so f any immediate m hysician / treatme hatically fighting media uishing media a, Foam, Sand, Wate ds arising from fire the following car efighters on hinated fire-fighting w idental releas	the substander be released	ounts are swallowe both acute and ention and spe nce or mixture Carbon monoxide	d or in the o delayed cial treat e (CO); Car	event of symptom timent needed	ns take
After ingestion Rinse mouth the medical treatm 4.2. Most important Until now no sy 4.3. Indication of a Hints for the phe Treat symptom SECTION 5: Fire 5.1. Extinguishing Suitable exting Carbon dioxide 5.2. Special hazard In the event of black smoke 5.3. Advice for fire Other informati Collect contam SECTION 6: ACC 6.1. Personal prec No particular m 6.2. Environmenta	noroughly with water ent. In symptoms any ymptoms known so fany immediate in any immediate in advision / treatment atically fighting media in media uishing media a, Foam, Sand, Wate ds arising from fire the following car fighters on inated fire-fighting w idental releas autions, protect measures required.	the substander be released	ounts are swallowe both acute and ention and spe nce or mixture Carbon monoxide	d or in the o delayed cial treat e (CO); Car	event of symptom timent needed	ns take

		-		
rade name: Marabu Textil plus 015,				Marab
	Ve	ersion: 5/GB		Date revised: 09.07.2015
Substance number: 17159039015	R	eplaces Version:	4 / GB	Print date: 25.01.17
see Section 8. Information re	nandling, see egarding was	te disposal, see		personal protective measures,
SECTION 7: Handling and	d storage	<u>)</u>		
7.1. Precautions for safe har	ndling			
Advice on safe handling				
Avoid skin and eye contact. Advice on protection agair No special measures require	nst fire and		shall be prohibit	ed in application area.
7.2. Conditions for safe stora		ding any inco	mpatibilities	
Requirements for storage	-			
Store in frostfree conditions.				
Storage class according to	5 TRGS 510	1		
Storage class according to TRGS 510	12	Non-combus	tible liquids	
7.3. Specific end use(s) Paint				
i ant				
SECTION 8: Exposure co	ntrols/pe	ersonal prot	tection	
8.1. Control parameters				
Exposure limit values				
2,2'-Oxybisethanol				
List	EH40			
List Type	EH40 WEL			
List Type Value	-	mg/m³	23	ppm(V)
List Type Value Status: 2011	WEL 101	Ū	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain	WEL 101 alkanes, >=0	Ū	23	ppm(V)
List Type Value Status: 2011	WEL 101 alkanes, >= EH40	C7	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value	WEL 101 alkanes, >=0	Ū	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List	WEL 101 alkanes, >= EH40	C7	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7	WEL 101 alkanes, >=4 EH40 1200	C7	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List	WEL 101 alkanes, >=4 EH40 1200 EH40	C7 mg/m³	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value	WEL 101 alkanes, >=4 EH40 1200 EH40 800	mg/m³	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information	WEL 101 alkanes, >= EH40 1200 EH40 800 rther control p	C7 mg/m³ mg/m³ parameters.	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect	WEL 101 alkanes, >= EH40 1200 EH40 800 rther control p	C7 mg/m³ mg/m³ parameters.	23	ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur	WEL 101 alkanes, >= EH40 1200 EH40 800 rther control p Levels (DN	C7 mg/m³ mg/m³ parameters.		ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker	C7 mg/m ³ mg/m ³ barameters. EL/DMEL) No Effect Level		ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long tel	C7 mg/m ³ mg/m ³ barameters. EL/DMEL) No Effect Level		ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long tel inhalativ	C7 mg/m ³ mg/m ³ barameters. EL/DMEL) No Effect Level		ppm(V)
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long tel inhalativ Local ef	C7 mg/m ³ mg/m ³ barameters. EL/DMEL) No Effect Level		ppm(V) mg/m³
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure Mode of action Concentration	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long ten inhalativ Local ef	C7 mg/m ³ mg/m ³ oarameters. EL/DMEL) No Effect Level rm /e fects 60	(DNEL)	
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure Route of exposure Mode of action Concentration Type of value	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long ter inhalativ Local ef	C7 mg/m ³ mg/m ³ barameters. EL/DMEL) No Effect Level rm /e	(DNEL)	
List Type Value Status: 2011 Normal and branched chain List Value Cycloalkanes, >=C7 List Value Other information There are not known any fur Derived No/Minimal Effect 2,2'-Oxybisethanol Type of value Reference group Duration of exposure Route of exposure Mode of action Concentration	WEL 101 alkanes, >=4 EH40 1200 EH40 800 rther control p Levels (DN Derived Worker Long ten inhalativ Local ef	C7 mg/m ³ mg/m ³ oarameters. EL/DMEL) No Effect Level rm /e ffects 60 No Effect Level	(DNEL)	

Substance number: 17159039015		Marabi
Substance number: 17159039015	Version: 5/GB	Date revised: 09.07.2015
	Replaces Version: 4 / GB	Print date: 25.01.17
Mode of action	Systemic effects	
Concentration	106	mg/kg/d
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	12	mg/m³
Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Systemic effects	
Concentration	53	mg/kg/d
Predicted No Effect Concentr	ation (PNEC)	
2,2'-Oxybisethanol		
Type of value	PNEC	
Туре	Freshwater	
Concentration	10	mg/l
Type of value	PNEC	
Type	Saltwater	
Concentration	1	mg/l
Type of value	PNEC	
Type	Water (intermittent release)	
Concentration	10	mg/l
	PNEC	
Type of value Type	Sewage treatment plant (STP)	
Concentration	199,5	mg/l
		<u> </u>
Type of value Type	PNEC Freshwater sediment	
Concentration	20,9	mg/kg
Concentration	20,0	ilig/kg
Type of value	PNEC	
Туре	Marine sediment	
Concentration	2,09	mg/kg
Type of value	PNEC	
Туре	Soil	
Concentration	1,53	mg/kg
9.2 Exposure controls		
8.2. Exposure controls		
Exposure controls		
Provide adequate ventilation.		
SECTION 9: Physical and c	hemical properties	

de name: Marabu Textil plus 015, 15		/ersion: 5	/ GB			Date revised:	Marab 09.07.2015
bstance number: 17159039015	F	Replaces V	ersion:	4 / GB		Print da	ate: 25.01.17
Colour Odour	coloure odourle						
Odour threshold							
Remarks	No dat	a available					
pH value							
Value		7	to	9			
Temperature		20	°C				
Method	VV I VV I	PH 340					
Melting point							
Remarks	not det	ermined					
Freezing point							
Remarks		ermined					
Initial boiling point and boilin	g range	•					
Value	appr.	100			°C		
Pressure	1 :4 4	1.013	hPa				
Source	Literati	ure value					
Flash point							
Remarks	Not ap	plicable					
Evaporation rate (ether = 1) :							
Remarks	not det	ermined					
Flammability (solid, gas)							
Not applicable							
Upper/lower flammability or e	explosiv	e limits					
Remarks	not det	ermined					
Vapour pressure							
Value	appr.	23			hPa		
Temperature		20	°C				
Method	Value t	aken from	the lite	rature			
Vapour density							
Remarks	not det	ermined					
Density							
Value		1,240	_		g/cm³		
Temperature		20	°C				
Method		N ISO 2811					
Solubility in water							
Remarks	miscibl	е					
Ignition temperature							
Remarks	not det	ermined					
Viscosity							
dynamic							
Value		10000	to	25000	mPa.s		
Temperature Method	Brookfi	20 ield	°C				
	DIOOKII						
2. Other information							
Other information None known							

rade name: Marabu Textil plus 0	5 15 ml M	NA	
	0, 10 111 11	Version: 5/GB	Date revised: 09.07.2015
Substance number: 17159039015		Replaces Version: 4 / GB	Print date: 25.01.17
10.1. Reactivity			
None			
10.2. Chemical stability No hazardous reactions k	nown.		
10.3. Possibility of hazardo No hazardous reactions k		ions	
10.4. Conditions to avoid No hazardous reactions k	nown.		
10.5. Incompatible materia	ls		
10.6. Hazardous decompos	sition pro	oducts	
No hazardous decomposi	tion produc	ts known.	
SECTION 11: Toxicolog	ical info	ormation	
11.1. Information on toxico	logical e	ffects	
Acute oral toxicity			
ATE	>		g/kg
	calcula	ted value (Regulation (EC) No. 12	72/2008)
Acute dermal toxicity	Deser	e e se statut de la de la statut de la setta	
Remarks		on available data, the classification	n criteria are not met.
Acute inhalational toxici	-		
Remarks	Based	on available data, the classification	n criteria are not met.
Skin corrosion/irritation			
Remarks		on available data, the classification	n criteria are not met.
Serious eye damage/irrit			
Remarks	Based	on available data, the classification	n criteria are not met.
Sensitization	_		
Remarks	Based	on available data, the classification	n criteria are not met.
Mutagenicity	_		
Remarks	Based	on available data, the classification	n criteria are not met.
Reproductive toxicity			
Remarks	Based	on available data, the classification	n criteria are not met.
Carcinogenicity			
Remarks		on available data, the classification	n criteria are not met.
Specific Target Organ To	oxicity (ST	TOT)	
Single exposure Remarks	Based	on available data, the classification	o criteria are not met
Repeated exposure Remarks		on available data, the classification	
Aspiration hazard			
Based on available data,	he classific	ation criteria are not met	
Experience in practice			
		ctive and safety precautions are ta	

MSDS for #01256 - MARABU TEXTIL PLUS

afety data sheet in accordance with regulation (EC) No 1907/2006

Trade name: Marabu Textil plus 015, 15 ml MNA

Version: 5/GB

Substance number: 17159039015

Replaces Version: 4 / GB

Print date: 25.01.17

Other information

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and not classified.

SECTION 12: Ecological information

12.1. Toxicity

General information

There are no data available on the mixture itself.Do not allow to enter drains or water courses.The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment, but contains substance(s) dangerous for the environment. See section 3 for details.

12.2. Persistence and degradability

General information

There are no data available on the mixture itself.

12.3. Bioaccumulative potential

General information

There are no data available on the mixture itself.

12.4. Mobility in soil

General information

There are no data available on the mixture itself.

12.5. Results of PBT and vPvB assessment

General information

There are no data available on the mixture itself.

12.6. Other adverse effects

General information

There are no data available on the mixture itself.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

The product can be placed with other household refuse. Small residues in containers can be washed-out with water and put into the drainage system.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste. Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

Land transport ADR/RID

Non-dangerous goods 14.1. UN number

- UN -
- 14.2. UN proper shipping name

14.3. Transport hazard class(es)

Class

Date revised: 09.07.2015

MSDS for #01256 - MARABU TEXTIL PL Safety data sheet in accordance with (US regulation (EC) N	le 1907/2006	Pa(
Frade name: Marabu Textil plus 015, 15			N
	Version:	5/GB	Marabu Date revised: 09.07.2015
Substance number: 17159039015		Version: 4/GB	Print date: 25.01.17
Label	_		
14.4. Packing group			
Packing group	-		
Transport category 14.5. Environmental hazards	0		
-			
Marine transport IMDG/GGVSe	e		
The product does not constitute		stance in sea trans	port.
14.1. UN number			
UN -			
14.2. UN proper shipping name			
14.3. Transport hazard class(es)			
Class	-		
Subsidiary risk	-		
14.4. Packing group			
Packing group 14.5. Environmental hazards	-		
no			
Air transport ICAO/IATA			
The product does not constitute	e a hazardous sub	stance in air transp	ort.
14.1. UN number			
UN -			
14.2. UN proper shipping name			
14.3. Transport hazard class(es)			
Class	-		
Subsidiary risk	-		
14.4. Packing group			
Packing group 14.5. Environmental hazards	-		
-			
Information for all modes of tra	Insport		
14.6. Special precautions for use			
Transport within the user's pren		whether a state of a second	
Always transport in closed cont Ensure that persons transportin			event of an accident or spillage.
Other information			
14.7. Transport in bulk according	g to Annex II of N	larpol and the IBC	Code
SECTION 15: Regulatory in	formation **	*	
15.1. Safety, health and enviror	nmental regula	ations/legislatio	on specific for the substance
or mixture			
VOC ***			
VOC (EU)	11,04	% 136,9	g/l
Other information			
The product does not contain s	ubstances of verv	high concern (SVH	IC).
Other information		5 (<i>,</i>
All components are contained in			
All components are contained in			
All components are contained in	n the DSL invento	r\/	

ASDS for #01256 - MARABU TE	XTIL PLUS	Paç
Safety data sheet in accordance	e with regulation (EC) No 1907/2006	
rade name: Marabu Textil plus	015, 15 ml MNA	
·	Version: 5 / GB	Date revised: 09.07.2015
ubstance number: 171590390	15 Replaces Version: 4 / GB	Print date: 25.01.17
	tained in the IECSC inventory.	
All components are con	tained in the ECL inventory.	
15.2. Chemical safety as For this preparation a c	sessment hemical safety assessment has not been carrie	ed out.
ECTION 16: Other int	ormation	
Hazard statements list	ed in Chapter 3	
H302	Harmful if swallowed.	
H373 H412	May cause damage to organs through pr	
	Harmful to aquatic life with long lasting e	enects.
CLP categories listed i Acute Tox. 4	Acute toxicity, Category 4	
Aquatic Chronic 3	Hazardous to the aquatic environment, c	chronic, Category 3
STOT RE 2	Specific target organ toxicity - repeated e	exposure, Category 2
Supplemental information	: ion bared with the previous version of the safety da	
guarantee for any spec The information in this s legislation. It provides guidance on construed as any guara The product should not to the supplier and obta As the specific condition for ensuring that the red The information contain	ed on our present state of knowledge. However, fic product properties and shall not establish a Safety Data Sheet is based on the present state health, safety and environmental aspects of the ntee of technical performance or suitability for p be used for purposes other than those shown in ining written handling instructions. In so fuse of the product are outside the supplier quirements of relevant legislation are complied to ed in this safety data sheet does not constitute uired by other health and safety legislation.	legally valid relationship. e of knowledge and current e product and should not be particular applications. in Section 1 without first referring r's control, the user is responsible with.