according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



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

1.1 Product identifier Trade name : ALEXIT BR3078-BladeRep Profile filler 3 7808 achatgrau / agate grey

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

Use of the Sub-Industrial serial painting : stance/Mixture

1.3 Details of the supplier of the safety data sheet

Mankiewicz Gebr. & Co. (GmbH & Co. KG) Georg-Wilhelm-Strasse 189 21107 Hamburg Germany

Only for UK: Supplied by Mankiewicz UK LLP 26 Ashville Way, Whetstone, Leicester LE8 6NU United Kingdom

Telephone E-mail address of person responsible for the SDS

+49 (0) 40 75103 0 sdb info@umco.de

1.4 Emergency telephone number

Emergency telephone num-. +44 1865 407333 (NCEC) ber

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required

Additional Labelling

- EUH210 Safety data sheet available on request.
- EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.



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2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature

Mixture of synthetic resins and pigments

`omnonente

Chemical name	CAS-No.	Classification	Concentration
enemieal name	EC-No.	Clacomodion	(% w/w)
	Index-No.		(/0 11/11)
	Registration number		
Delymbersheric eside repetier	, , , , , , , , , , , , , , , , , , ,		
Polyphosphoric acids, reaction	162627-22-7	Eye Irrit. 2; H319	>= 1 - < 5
products with 2-oxepanone, poly-			
ethylene glycol mono-Me ether			
and tetrahydro-2H-pyran-2-one			
propylidynetrimethanol	77-99-6	Repr. 2; H361fd	>= 0.5 - < 1
	201-074-9		
	01-2119486799-10		
Substances with a workplace expo	sure limit :	<u>.</u>	
titanium dioxide	13463-67-7		>= 1 - < 5
	236-675-5		
	01-2119489379-17		

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	In all cases of doubt, or when sickness symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
If inhaled	:	Remove to fresh air, keep patient warm and at rest. Irregular breathing/no breathing: artificial respiration. If unconscious place in recovery position and seek medical advice.

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 Ort
 Kto.-Nr.
 BLZ
 BIC
 IBAN
 Sitz/Registergericht Hamburg: HRA 42442

 Deutsche Bank
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 200 700 00
 DEUTDEHHXX
 DES 2007 000 0600 2273 00
 Persönlich hattende Gesellschatterin: HypoVereinsbank
 DES 2007 000 0609 2733 00
 Grau Gebe. Beteiligunge-GmbH

 Postbank
 Hamburg
 373205
 200 100 20
 PBNKDEFF200
 DE85 2001 0020 0000 3732 05
 Sitz/Registergericht Hamburg: HRB 17189 Geschäftsführender Gesellschafter: Michael O. Grau
 Mankiewicz Gebr. & Co. (GmbH & Co. KG) Bank Name Bureau Verita Georg-Wilhelm-Straße 189 21107 Hamburg (Wilhelmsburg) Certification ISO 9001 Tel.: +49 (0) 40 / 75 10 30 Fax: +49 (0) 40 / 75 10 33 75 TS 16949 EN 9100 wicz.de



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In case of skin contact	Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners !
In case of eye contact	Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
If swallowed	Do NOT induce vomiting. If accidentally swallowed obtain immediate medical attention. Never give anything by mouth to an unconscious person. Keep at rest.

4.2 Most important symptoms and effects, both acute and delayed

- None known.
- **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	:	Not combustible under normal conditions. Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment.
5.2	Special hazards arising from	the	e substance or mixture
	Specific hazards during fire- fighting	:	Fire will produce dense black smoke. Exposure to decomposi- tion products may cause a health hazard.
5.3	Advice for firefighters		
	Special protective equipment for firefighters	:	Appropriate breathing apparatus may be required.
	Further information	:	DO NOT ALLOW RUN-OFF FROM FIRE FIGHTING TO ENTER DRAINS OR WATER COURSES!!

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Take the precautions customary when handling chemicals.
		Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions	:	Do not let product enter drains.
		If the product contaminates lakes, rivers or sewage, inform
		appropriate authorities in accordance with local regulations.

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6.3 Methods and material for containment and cleaning up

Methods for 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 regula- tions (see chapter 13). Clean preferably with a detergent; avoid use of solvents.
-------------------------	---	---

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Avoid contact with the skin and the eyes. Smoking, eating and drinking should be prohibited in the ap- plication area.
Advice on protection against fire and explosion	:	Preparation may charge electrostatically: always use earthing leads whentransferring from one container to another.

7.2 Conditions for safe storage, including any incompatibilities

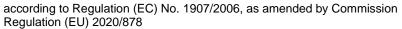
Requirements for storage areas and containers	:	Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Never use pressure to empty: container isnot a pressure ves- sel. No smoking. Prevent unauthorized access.
Further information on stor- age conditions	:	Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep container dry in a cool, well-ventilated place.
Advice on common storage	:	Keep away from oxidizing agents and strongly acid or alkaline materials.
Recommended storage tem- perature	:	5 - 35 °C
7.3 Specific end use(s) Specific use(s)	:	This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

	Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis		
	titanium dioxide	13463-67-7	TWA (inhalable	10 mg/m3	GB EH40		
a ca bei a							





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dust)		
TW		4 mg/m3	GB EH40

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health ef- fects	Value
Castor oil, hydrogen- ated	Consumers	Dermal	Long-term systemic effects	23.875 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	38.045 mg/m3
	Workers	Dermal	Long-term systemic effects	47.75 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	336.75 mg/m3
	Consumers	Oral	Long-term systemic effects	23.875 mg/kg bw/day
propylidynetrimetha- nol	Workers	Inhalation	Long-term systemic effects	3.3 mg/m3
	Workers	Dermal	Long-term systemic effects	0.94 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	0.58 mg/m3
	Consumers	Dermal	Long-term systemic effects	0.34 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	0.34 mg/kg bw/day
Castor oil, hydrogen- ated	Consumers	Dermal	Long-term systemic effects	23.875 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	38.045 mg/m3
	Workers	Dermal	Long-term systemic effects	47.75 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	336.75 mg/m3
	Consumers	Oral	Long-term systemic effects	23.875 mg/kg bw/day
propylidynetrimetha- nol	Workers	Inhalation	Long-term systemic effects	3.3 mg/m3
	Workers	Dermal	Long-term systemic effects	0.94 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	0.58 mg/m3
	Consumers	Dermal	Long-term systemic effects	0.34 mg/kg bw/day
	Consumers	Oral	Long-term systemic effects	0.34 mg/kg bw/day

8.2 Exposure controls

Engineering measures

Provide adequate ventilation. This should be achieved by the use of local exhaust ventilation and good general extraction.

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Personal protective equipr Eye/face protection	nent :	Wear safety goggles to protect against splashes.
Hand protection		
Remarks	:	Adhere to the professional organisation rule "Use of protec- tive gloves". Appropriate chemicals resistant glove tested in compliance with EN 374. Recommendation for protection against components general- ly found in the products:
		For short-term contact (i.e. splash protection): Appropriate material: nitrile rubber, Neoprene Material thickness: > 0,4 mm Breakthrough time: > 480 min
		Before use, the protective glove should be tested in any case for its specific work-station suitability (i.e. mechanical re- sistance, product compatibility and antistatic properties). Ad- here to the manufacturer's instructions and information relat- ing to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Preventive hand protection (skin protection cream) recommended. Wash immediately contam- inated skin. Design operations thus to avoid permanent use of protective gloves.
Skin and body protection	:	Clothing as usual in the chemical industry. Skin should be washed after contact.
Respiratory protection	:	None, but avoid breathing vapours if possible.
Protective measures	:	Do not eat or drink during work - no smoking. Avoid product contact with skin, eyes and clothing. Avoid the inhalation of dust from sanding, particulates and spray mist arising from the application of this preparation.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: liquid (20 - 25 °C, 1,013 hPa)	
Colour	: according product name	
Odour	: characteristic	
	: No data available	



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Boiling point/boiling range	:	not determined
Flash point	:	> 100 °C Method: ISO 13736
Decomposition temperature	:	No data available
рН	:	6 - 8 (20 °C) Concentration: 10 %
Viscosity Viscosity, kinematic	:	> 21 mm²/s
Flow time	:	> 150 s Cross section: 4 mm Method: DIN 53211
		> 100 s Cross section: 6 mm Method: ISO 2431
Solubility(ies) Water solubility	:	insoluble
Vapour pressure	:	ca. 100 hPa (50 °C)
Density	:	ca. 1.9 g/cm3 (20 °C)
Relative vapour density	:	No data available
9.2 Other information		
Miscibility with water	:	immiscible
Solvent separation	:	< 3 %(V)

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

Stable under normal conditions.

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10.3 Possibility of hazardous reactions

Hazardous reactions		No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid		Stable under recommended storage and handling conditions
	•	(See section 7).
10.5 Incompatible materials		
Materials to avoid	:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.6 Hazardous decomposition p	orod	lucts

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified due to lack of data.

Skin corrosion/irritation

Not classified due to lack of data.

Serious eye damage/eye irritation

Not classified due to lack of data.

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Germ cell mutagenicity Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Aspiration toxicity

Not classified due to lack of data.



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11.2 Information on other hazards

Endocrine disrupting properties

Product:

The substance/mixture does not contain components consid-Assessment : ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. **Further information** Product: Remarks The liquid splashed in the eyes may cause irritation and re-2 versible damage.

SECTION 12: Ecological information

12.1 Toxicity

Product:	
Ecotoxicology Assessm	ent
Acute aquatic toxicity	: There are no data available on the preparation itself.

12.2 Persistence and degradability

Product:

Biodegradability	:	Remarks: There are no data available on the preparation it-
		self.

12.3 Bioaccumulative potential

Product:

Bioaccumulation	:	Remarks: There are no data available on the preparation it-
		self.

12.4 Mobility in soil

|--|

Mobility

Remarks: There are no data available on the preparation itself.

12.5 Results of PBT and vPvB assessment

:

Product:

Assessment	:	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of



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0.1% or higher.

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Proc	duct:

Assessment

The substance/mixture does not contain components consid-: ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:		
Additional ecological infor- mation	:	There are no data available on the preparation itself. The product should not be allowed to enter drains or water courses.

SECTION 13: Disposal considerations

Product	: Dispose of in accordance with local regulations.	
Contaminated packaging	: Contaminated packaging should be emptied as far a and after appropriate cleansing may be taken for re Packaging that cannot be cleaned should be dispose agreement with the regional waste disposal compared	use. ed off in

SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good

14.3 Transport hazard class(es)

Bureau Verita Certification ISO 9001 TS 16949, EN 9100



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	ADR	:	Not regulated as a dangerous good		
	IMDG	:	Not regulated as a dangerous good		
	ΙΑΤΑ	:	Not regulated as a dangerous good		
14.4	4 Packing group				
	ADR Remarks	:	Not regulated as a dangerous good If transported within the user's premises: To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage.		
	IMDG	:	Not regulated as a dangerous good		
	IATA (Cargo)	:	Not regulated as a dangerous good		
	IATA (Passenger)	:	Not regulated as a dangerous good		
14.5	5 Environmental hazards				
Not regulated as a dangerous good					
14.6 Special precautions for user					
	Remarks	:	If transported within the user's premises: To be transported always in closed, upright and safe containers. Make sure that persons handling these containers are aware of the rules of conduct in case of incident or spillage. Not classified as dangerous in the meaning of transport regu- lations.		

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable
UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable

Volatile organic compounds :

Directive 2010/75/EU of 24 November 2010 on industrial

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emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0.21 %, 4 g/l

Long-term exposure limit (8-hour TWA reference period)

Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

15.2 Chemical safety assessment

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

SECTION 16: Other information

Full text of H-Statements

GB EH40 / TWA

	Causes serious eye irritation. Suspected of damaging fertility. Suspected of damaging the unborn child.
Full text of other abbreviations	;
Eye Irrit.	Eye irritation
Repr. :	Reproductive toxicity
GB EH40 :	UK. EH40 WEL - Workplace Exposure Limits

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous

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according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Commercial Product Name: ALEXIT BR3078-BladeRep Profile filler 3 Quality No.: 4915578080000 Revision Date 13.12.2023 Print Date 13.12.2023 Version 2

Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information

: The information given in this material safety data sheet does not release the user from its duty of risk assessment and control in the work place defined in other health and safety law. Adhere to the national sanitary and occupational safety regulations when using this product.

This safety datasheet complies with the requirements of regulation (EC) No 1907/2006(2020/878).

Department issuing safety data sheet

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