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

responsible for the SDS

1.4 Emergency telephone number

Emergency telephone num-: +44 1865 407333 (NCEC)

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

# Classification (REGULATION (EC) No 1272/2008)

Not a hazardous 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

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



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breathe spray or mist.

#### 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.

Ecological information: This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f).

Toxicological information: This substance/mixture does not contain components considered to have endocrine disrupting properties for human health according to UK REACH Article 57(f),

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature Mixture of synthetic resins and pigments

Components

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

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.

In case of skin contact Take off all contaminated clothing immediately.

Wash skin thoroughly with soap and water or use recognised

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



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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 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.

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



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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 dust)	10 mg/m3	GB EH40

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



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יד	VA (Respirable	4 mg/m3	GB EH40
dı	ıst)		

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

Substance name	End Use	Exposure routes	Potential health effects	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

#### 8.2 Exposure controls

# **Engineering measures**

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

## Personal protective equipment

Eye/face protection 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> 480 min Breakthrough time:

Before use, the protective glove 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

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gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Preventive hand protection (skin protection cream) recommended. Wash immediately contaminated 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

Melting point/ range No data available

Boiling point/boiling range not determined

Upper explosion limit No data available

Lower explosion limit No data available

Flash point > 100 °C

Method: ISO 13736

Auto-ignition temperature No data available

Decomposition temperature No data available

6 - 8 (20 °C) pΗ

Concentration: 10 %

Viscosity

Viscosity, kinematic  $> 21 \text{ mm}^2/\text{s}$ 

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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)

No data available Relative vapour density

9.2 Other information

Flammability (liquids) No data available

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.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

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.

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



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## 10.6 Hazardous decomposition products

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.

#### 11.2 Information on other hazards

## **Endocrine disrupting properties**

# **Product:**

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.

Assessment This substance/mixture does not contain components consid-

ered to have endocrine disrupting properties for human health

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



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according to UK REACH Article 57(f),

#### **Further information**

**Product:** 

Remarks The liquid splashed in the eyes may cause irritation and re-

versible damage.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

## **Product:**

# **Ecotoxicology Assessment**

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

# Product:

Mobility Remarks: There are no data available on the preparation it-

self.

## 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

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.

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## 12.6 Endocrine disrupting properties

**Product:** 

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.

Assessment This substance/mixture does not contain components consid-

ered to have endocrine disrupting properties for environment

according to UK REACH Article 57(f).

#### 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**

#### 13.1 Waste treatment methods

Product Dispose of in accordance with local regulations.

Contaminated packaging Contaminated packaging should be emptied as far as possible

> and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

#### **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 **IATA** 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 **IATA** Not regulated as a dangerous good

14.3 Transport hazard class(es)

**ADR** Not regulated as a dangerous good **IMDG** Not regulated as a dangerous good **IATA** Not regulated as a dangerous good

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## 14.4 Packing group

**ADR** Not regulated as a dangerous good

If transported within the user's premises: To be transported Remarks

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 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 mix-

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)

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

Not applicable

Volatile organic compounds

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 0.2 %, 4 g/l

# Other regulations:

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



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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.

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

#### 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**

H319 Causes serious eye irritation.

H361fd 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

GB EH40 / TWA Long-term exposure limit (8-hour TWA reference period)

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 carrving 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 sub-

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



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stance; 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 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

UMCO GmbH Georg-Wilhelm-Str.187, D-21107 Hamburg Telefon: +49(0)40/555 546 300 Fax: +49(0)40/555 546 357 e-mail:umco@umco.de

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN