

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 1 / 14

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

1.1 Product identifier

Coltogum® Brushable sealing compound grey

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

1.2.1 Relevant uses

Sealing material

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

Metalock Engineering Services Australia Pty Ltd
480 Boundary Road
4108 Archerfield QLD / AUSTRALIA
Phone +617 3875 1774
Fax +617 3875 1774
Homepage www.metalock.com.au
E-mail sales@metalock.com.au

Manufacturer

Allchemet AG
Werkstrasse 4
6020 Emmenbrücke / SWITZERLAND
Phone +41 (0) 848 00 00 88
Homepage www.allchemet.ch
E-mail info@allchemet.ch

Address enquiries to

Technical information

sales@metalock.com.au

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Company

+617 3875 1774

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Flam. Liq. 3: H226 Flammable liquid and vapour.
STOT SE 3: H336 May cause drowsiness or dizziness.



Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 2 / 14

2.2 Label elements

The product is required to be labelled in accordance with Model Work Health and Safety Regulations (WHS) Australia.	
Hazard pictograms	 
Signal word	WARNING
Contains:	Naphtha (petroleum), hydrotreated heavy (20 - 30%)
Hazard statements	H226 Flammable liquid and vapour. H336 May cause drowsiness or dizziness.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P271 Use only outdoors or in a well-ventilated area. P260 Do not breathe mist / vapours / spray. P312 Call a POISON CENTER / doctor if you feel unwell. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulation.
Special labelling	AUH066 Repeated exposure may cause skin dryness or cracking.
2004/42/CE	370 g/l II A i SB One-pack performance coatings (max. 500 g/l)

2.3 Other hazards

Human health dangers	Has a degreasing effect on the skin.
Other hazards	Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
20 - 30	Naphtha (petroleum), hydrotreated heavy
	CAS: 64742-48-9
	GHS/CLP: Flam. Liq. 3: H226 - Asp. Tox. 1: H304 - STOT SE 3: H336 - EUH066
1 - <15	n-Butyl acetate
	CAS: 123-86-4
	GHS/CLP: Flam. Liq. 3: H226 - STOT SE 3: H336 - EUH066
< 1	Titanium dioxide
	CAS: 13463-67-7

Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%. For full text of H-statements: see SECTION 16.
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Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 3 / 14

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Change soaked clothing.
Inhalation	Ensure supply of fresh air.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Get medical advice. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Foam, dry powder, water spray jet, carbon dioxide.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Not combusted hydrocarbons.
Carbon monoxide (CO).

5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.
Use self-contained breathing apparatus.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

Hazchem Code	3Y
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Forms slippery surfaces with water.
Use personal protective equipment.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Take up residues with absorbent material (e.g. sand).
Dispose of absorbed material in accordance within the regulations.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 4 / 14

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Avoid spilling or spraying in enclosed areas.

Keep away from all sources of ignition - Refrain from smoking.
Ground/bond container and receiving equipment.
Use explosion-proofed equipment/fittings and non-sparking tools.

Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Take off contaminated clothing and wash before reuse.
Cloths contaminated with product should not be kept in trouser pockets.

7.2 Conditions for safe storage, including any incompatibilities

Prevent penetration into the ground.
Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Protect from heat/overheating.
Keep container tightly closed.
Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 5 / 14

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (AU)

Substance
Naphtha (petroleum), hydrotreated heavy
CAS: 64742-48-9
Time Weighted Average (TWA): 100 ppm, 525 mg/m³, OSHA
Siliziumdioxid
CAS: 7631-86-9
Time Weighted Average (TWA): 2 mg/m³, (respirable dust)
n-Butyl acetate
CAS: 123-86-4
Time Weighted Average (TWA): 150 ppm, 713 mg/m³
Short Term Exposure Limits (STEL): 200 ppm, 950 mg/m³

DNEL

Substance
Naphtha (petroleum), hydrotreated heavy
Industrial, inhalative (vapor), Long-term - systemic effects, 1500 mg/m³
Industrial, dermal, Long-term - systemic effects, 300 mg/kg bw/d
general population, oral, Long-term - systemic effects, 300 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 300 mg/kg bw/d
general population, inhalative (vapor), Long-term - systemic effects, 900 mg/m³

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. > 0.7 mm; Butyl rubber, >120 min (EN 374-1/-2/-3).
Skin protection	Solvent-resistant protective clothing (EN 340)
Other	Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.
Respiratory protection	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 6 / 14

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	pasty
Form	pasty
Color	grey
Odor	characteristic
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	No information available.
Flash point [°C]	> 24
Flammability (solid, gas) [°C]	No information available.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm³]	ca. 1.0
Relative density	No information available.
Bulk density [kg/m³]	not applicable
Solubility in water	immiscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	No information available.
Kinematic viscosity	25 sec. 4-mm 4bar ca. 60 000 cP
Relative vapour density	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature	No information available.
Decomposition temperature [°C]	No information available.
Particle characteristics	No information available.

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.
Strong heating.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 7 / 14

10.5 Incompatible materials

See SECTION 10.3.

10.6 Hazardous decomposition products

In the event of fire: See SECTION 5.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 8 / 14

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
n-Butyl acetate, CAS: 123-86-4
LD50, oral, Rat, 13100 mg/kg (IUCLID)
Naphtha (petroleum), hydrotreated heavy
LD50, oral, Rat, > 5000 mg/kg
Titanium dioxide, CAS: 13463-67-7
LD50, oral, Rat, > 20000 mg/kg

Acute dermal toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
n-Butyl acetate, CAS: 123-86-4
LD50, dermal, Rabbit, 14100 mg/kg (IUCLID)
Naphtha (petroleum), hydrotreated heavy
LD50, dermal, Rabbit, > 5000 mg/kg
Titanium dioxide, CAS: 13463-67-7
LD50, dermal, Rabbit, > 10000 mg/kg

Acute inhalational toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
n-Butyl acetate, CAS: 123-86-4
LC50, inhalative, Rat, 21 mg/kg (4h) (IUCLID)
Naphtha (petroleum), hydrotreated heavy
LC50, inhalative, Rat, > 4951 mg/m³/4h
Titanium dioxide, CAS: 13463-67-7
LC50, inhalative, Rat, > 6.8 mg/l (4h)

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.
Repeated exposure may cause skin dryness or cracking.

Substance
n-Butyl acetate, CAS: 123-86-4
non-irritating
Naphtha (petroleum), hydrotreated heavy
Rabbit, not irritating (OECD 404)

Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.

Substance

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 9 / 14

n-Butyl acetate, CAS: 123-86-4

non-irritating

Naphtha (petroleum), hydrotreated heavy

Rabbit, not irritating (OECD 405)

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.

Substance

n-Butyl acetate, CAS: 123-86-4

dermal, non-sensitizing

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Substance

n-Butyl acetate, CAS: 123-86-4

in vitro, negativ

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Substance

n-Butyl acetate, CAS: 123-86-4

NOAEC, inhalative, Rat, 9640 mg/m³ (Effect on fertility), no adverse effect observed

Specific target organ toxicity — single exposure Vapours may cause drowsiness and dizziness.
Calculation method

Substance

n-Butyl acetate, CAS: 123-86-4

inhalative, non-irritating

Naphtha (petroleum), hydrotreated heavy

NOAEC, inhalative, Human, 1500-2500 mg/m³

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance

Naphtha (petroleum), hydrotreated heavy

NOAEC, inhalative, Rat, > 24.3g/m³ (13 weeks)

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 10 / 14

SECTION 12: Ecological information

12.1 Toxicity

Substance
n-Butyl acetate, CAS: 123-86-4
LC50, (96h), Leuciscus idus, 62 mg/l (IUCLID)
EC50, (24h), Daphnia magna, 72.8 mg/l (IUCLID)
IC50, (72h), Desmodesmus subspicatus, 674.7 mg/l (IUCLID)
Naphtha (petroleum), hydrotreated heavy
EL0, (48h), Daphnia magna, 1000 mg/l
EL50, (72h), Algae, > 1000 mg/l
NOELR, (72h), Algae, 100 mg/l
LL50, (96h), Oncorhynchus mykiss, > 1000 mg/l

12.2 Persistence and degradability

Behaviour in environment compartments

Behaviour in sewage plant not determined

Biological degradability not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

The product is insoluble in water.

Do not discharge product unmonitored into the environment or into the drainage.

SECTION 13: Disposal considerations

Restrictions	There are no product-specific restrictions. However, state and local disposal regulations may apply.
Disposal method	The substance must be handled as hazardous waste and disposed of in an approved facility.
Contaminated packaging	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 11 / 14

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID 1263

Inland navigation (ADN) 1263

Marine transport in accordance with IMDG 1263

Air transport in accordance with IATA 1263

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 1263

14.2 UN proper shipping name

Transport by land according to ADR/RID Paint (No dangerous goods, according ADR 2.2.3.1.5 to max. 450 l)

- Label



- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (D/E)

Inland navigation (ADN)

Paint (No dangerous goods, according ADR 2.2.3.1.5 to max. 450 l)

- Label



Marine transport in accordance with IMDG

Paint (No dangerous goods, according IMDG 2.3.2.5 to max. 30 l (see 5.4.1.5.10) - "transport in compliance with 2.3.2.5 of the IMDG Code")

- EMS

F-E, S-E

- Label



Air transport in accordance with IATA Paint

- Label



Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG)

UN 1263 Paint (No dangerous goods, according ADG 2.3.2.5 to max. 450 l) 3 III, Hazchem Code: 3Y

- Label



Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 12 / 14

14.3 Transport hazard class(es)

Transport by land according to ADR/RID 3

Inland navigation (ADN) 3

Marine transport in accordance with IMDG 3

Air transport in accordance with IATA 3

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 3

14.4 Packing group

Transport by land according to ADR/RID III

Inland navigation (ADN) III

Marine transport in accordance with IMDG III

Air transport in accordance with IATA III

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) III

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available.

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 13 / 14

SECTION 15: Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)	Poison Schedule: 5
Applicable prohibitions and notifications/licensing requirements	not applicable
Agricultural and Veterinary Chemicals Act	not applicable
Listing in the Australian Inventory of Chemical Substances (AICS)	All chemical substances in this product are included on Australian Inventory of Industrial Chemicals (Inventory).
Additional information	not applicable

SECTION 16: Other information

16.1 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 EL50 = Median effective loading
 ELINCS = European List of Notified Chemical Substances
 EmS = Emergency Schedules
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 LL50 = Median lethal loading
 LQ = Limited Quantities
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV®/TWA = Threshold limit value – time-weighted average
 TLV®STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.2 Other information

Customs Tariff	not determined
Classification procedure	Flam. Liq. 3: H226 Flammable liquid and vapour. (Bridging principle "Batching") STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
Modified position	none

Metalock Engineering Services Australia Pty Ltd
4108 Archerfield QLD

Date printed 01.12.2022, Revision 18.08.2022

Version 06. Supersedes version: 05

Page 14 / 14

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