

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 12/15/2015 Revision date: 12/15/2015 Supersedes: 12/15/2015 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form Article

Name AB-Z, AC-D, AF-D Product code BU ET&A

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

Use of the substance/mixture grinding / sanding of different kinds of materials

1.3. Details of the supplier of the safety data sheet

Supplier

Hilti, Inc. Legacy Tower, Suite 1000

75024 Plano - USA T +1 9724035800

1-800-879-8000 toll free - F +1 918 254 0522

Department issuing data specification sheet

Hilti Entwicklungsgesellschaft mbH

Hiltistrasse 6

86916 Kaufering - Deutschland

T +49 8191 906310 - F +49 8191 90176310

anchor.hse@hilti.com

1.4. Emergency telephone number

Emergency number Chem-Trec

Tel.: 1 800 424 9300 (USA, PR, Virgin Islands, Canada)

Tel.: 703 527 3887 (Other countries)

+1 918 8723000 1-800-879-8000 toll free

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

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Name	Product identifier	%	GHS-US classification
Aluminium oxide	(CAS No) 1344-28-1	<= 80	Not classified
silicon carbide	(CAS No) 409-21-2	<= 75	Not classified
zirconium(IV)oxide	(CAS No) 1314-23-4	<= 75	Resp. Sens. 1, H334 Skin Sens. 1, H317
pyrite (FeS2)	(CAS No) 1309-36-0	<= 20	Eye Irrit. 2A, H319
cryolite	(CAS No) 15096-52-3	<= 15	Acute Tox. 4 (Inhalation), H332 STOT RE 1, H372 Aquatic Chronic 2, H411
calcium oxide	(CAS No) 1305-78-8	<= 10	Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335
potassiumtetrafluoroborate	(CAS No) 14075-53-7	<= 10	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
calcium fluoride	(CAS No) 7789-75-5	<= 10	Not classified
barium sulfate	(CAS No) 7727-43-7	<= 10	Not classified
Calcium Carbonate	(CAS No) 471-34-1	<= 10	Not classified
potassium sulfate	(CAS No) 7778-80-5	<= 10	Not classified
graphite	(CAS No) 7782-42-5	<= 5	Not classified
trisodium hexafluoroaluminate	(CAS No) 13775-53-6	<= 5	Acute Tox. 4 (Inhalation), H332 STOT RE 1, H372 Aquatic Chronic 2, H411
fiberglass	(CAS No) 65997-17-3	<= 5	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation Remove person to fresh air and keep comfortable for breathing. When symptoms occur: go into

open air and ventilate suspected area.

First-aid measures after skin contact Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical

advice/attention.

First-aid measures after eye contact Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation May cause respiratory irritation.

Symptoms/injuries after eye contact May cause severe irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water. Sand. Foam. Carbon dioxide. Unsuitable extinguishing media Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard Not flammable.

Reactivity The product is non-reactive under normal conditions of use, storage and transport. Product is

not explosive.

5.3. Advice for firefighters

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Scoop solid spill into closing containers.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed Normal use of this product shall imply use in accordance with the instructions on the packaging

and in line with the expectations of a by professional users.

Precautions for safe handling The product should not be used for purposes other than those shown above without first

referring to the supplier and obtaining written handling instructions.

Hygiene measures Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store in a dry place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

fiberglass (65997-17-3)		
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
	·	·
trisodium hexafluoroalu	uminate (13775-53-6)	
ACGIH	ACGIH TWA (mg/m³)	2.5 mg/m³ (Fluorides, as F; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
cryolite (15096-52-3)		
ACGIH	ACGIH TWA (mg/m³)	2.5 mg/m³ (Fluorides, as F; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
	•	·
barium sulfate (7727-43	i-7)	
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³ (Barium sulfate; USA; Time-weighted average

		exposure limit 8 h; TLV - Adopted Value; Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)
calcium fluoride (7789-75-5)		
ACGIH	ACGIH TWA (mg/m³)	2.5 mg/m³ (Fluorides, as F; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

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graphite (7782-42-5)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³ (Graphite (all forms except graphite fibers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)

calcium oxide (1305-78-8)		
ACGIH	ACGIH TWA (mg/m³)	2 mg/m³
ACGIH	Remark (ACGIH)	URT irr
OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³

zirconium(IV)oxide (1314-23-4)		
ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
ACGIH	ACGIH STEL (mg/m³)	10 mg/m³

silicon carbide (409-21-2)		
ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (Silicon carbide, nonfibrous; USA; Timeweighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica; Silicon carbide, fibrous (including whiskers); 0.1 fibers/cm³; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fibers: length > 5 μm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination; Silicon carbide, nonfibrous; 10 mg/m³; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)

8.2. Exposure controls

Appropriate engineering controls Personal protective equipment Ensure good ventilation of the work station.

Dust formation: dust mask. In case of dust production: protective goggles.





Hand protection Eye protection

Skin and body protection Respiratory protection

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Consumer exposure controls

Other information

Wear leather gloves.

Safety glasses.

Wear suitable protective clothing.

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Avoid contact during pregnancy/while nursing.

Hazardous dust of the workpiece material may be generated during grinding / drilling and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration as part of the job hazard assessment.

Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Solid

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Colour Mixture contains one or more component(s) which have the following colour(s):

Yellow-green Unpurified: blue-black White to yellow-brown Pure substance: colourless to whitegrey Unpurified: yellow to brown Commercial substance: yellow to brown Golden-yellow Colourless or white Grey-black Colourless to white-grey White to yellow White Colourless to

white

Odour There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour(s):

Odourless No data available on odour

Odour threshold No data available No data available Hq No data available Melting point Freezing point No data available Boiling point No data available Flash point No data available Relative evaporation rate (butylacetate=1) No data available Flammability (solid, gas) No data available No data available **Explosive limits** Explosive properties No data available Oxidising properties No data available Vapour pressure No data available Relative density No data available Relative vapour density at 20 °C No data available Solubility insoluble in water. Log Pow No data available Auto-ignition temperature No data available

Decomposition temperature > 400 °C

Viscosity No data available
Viscosity, kinematic No data available
Viscosity, dynamic No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Product is not explosive.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure Inhalation

Acute toxicity Not classified

potassium sulfate (7778-80-5)	
LD50 oral rat	6600 mg/kg (Rat)
ATE US (oral)	6600.000 mg/kg bodyweight
trisodium hexafluoroaluminate (13775-	53-6)
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h
cryolite (15096-52-3)	
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h
Calcium Carbonate (471-34-1)	
LD50 oral rat	6450 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Literature study >2000 mg/kg; Rat; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; Equivalent or similar to OECD 402)
LC50 inhalation rat (mg/l)	> 3 mg/l/4h (Rat; Experimental value)
ATE US (oral)	6450.000 mg/kg bodyweight
barium sulfate (7727-43-7)	
LD50 oral rat	> 5000 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
calcium fluoride (7789-75-5)	
LD50 oral rat	4250 mg/kg (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value; >2000 mg/kg bodyweight; Rat)
ATE US (oral)	4250.000 mg/kg bodyweight
graphite (7782-42-5)	
LD50 oral rat	> 2000 mg/kg (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimenta value)
potassiumtetrafluoroborate (14075-53-	7)
ATE US (oral)	500.000 mg/kg bodyweight
calcium oxide (1305-78-8)	
LD50 oral rat	> 2000 mg/kg bodyweight (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value)
LD50 dermal rabbit	> 2500 mg/kg bodyweight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity)
silicon carbide (409-21-2)	
LD50 oral rat	> 2000 mg/kg bodyweight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
Aluminium oxide (1344-28-1)	
LD50 oral rat	> 15900 mg/kg
LC50 inhalation rat (mg/l)	7.6 mg/l
	7.600 mg/l/4h
ATE US (vapours)	•
	7.600 mg/l/4h
ATE US (dust,mist)	7.600 mg/l/4h Not classified
Skin corrosion/irritation	Not classified
ATE US (dust,mist)	

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Carcinogenicity Not classified

Reproductive toxicity Not classified Specific target organ toxicity (single exposure) Not classified

Specific target organ toxicity (repeated Not classified exposure)

Aspiration hazard Not classified

Potential adverse human health effects and

symptoms

Irritation: may cause irritation to the respiratory system.

Symptoms/injuries after inhalation May cause respiratory irritation.

Symptoms/injuries after eye contact May cause severe irritation.

SECTION 12: Ecological information

12.1. Toxicity

potassium sulfate (7778-80-5)	
EC50 Daphnia 1	890 mg/l (EC50; 48 h)
LC50 fish 2	653 - 796 mg/l (LC50; 96 h; Lepomis macrochirus)
Threshold limit algae 1	2900 mg/l (EC50; 72 h)
trisodium hexafluoroaluminate (13	775-53-6)
EC50 Daphnia 2	156 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 2	3.2 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum; Static system; Fresh water; Experimental value)
cryolite (15096-52-3)	
EC50 Daphnia 2	156 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
Threshold limit algae 2	3.2 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum; Static system; Fresh water; Experimental value)
Calcium Carbonate (471-34-1)	
LC50 fish 1	> 100 % (96 h; Oncorhynchus mykiss)
EC50 Daphnia 1	> 100 % (48 h; Daphnia magna)
TLM fish 1	> 56000 mg/l (96 h; Gambusia affinis)
Threshold limit algae 1	> 14 mg/l (72 h; Desmodesmus subspicatus; GLP)
Threshold limit algae 2	14 mg/l (72 h; Desmodesmus subspicatus; GLP)
barium sulfate (7727-43-7)	
EC50 Daphnia 1	32 mg/l (EC50; 48 h)
Threshold limit algae 1	≥1.92,NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value
calcium fluoride (7789-75-5)	
LC50 fish 1	30000 ppm (LC50)
Threshold limit algae 1	50 mg/l (NOEC; 21 days)
graphite (7782-42-5)	
LC50 fish 1	> 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Danio rerio; Static system; Fres water; Experimental value)

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graphite (7782-42-5)		
EC50 Daphnia 1	> 100 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)	
Threshold limit algae 1	> 100 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)	
Threshold limit algae 2	> 100 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)	
calcium oxide (1305-78-8)		
EC50 Daphnia 2	49.1 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Read-across)	

184.57 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Read-across)

12.2. Persistence and degradability

Threshold limit algae 1

fiberglass (65997-17-3)			
Persistence and degradability	Biodegradability: not applicable.		
Biochemical oxygen demand (BOD)	Not applicable		
Chemical oxygen demand (COD)	Not applicable		
ThOD	Not applicable		
BOD (% of ThOD)	Not applicable		
potassium sulfate (7778-80-5)			
Persistence and degradability	Biodegradability: not applicable.		
Biochemical oxygen demand (BOD)	Not applicable		
Chemical oxygen demand (COD)	Not applicable		
ThOD	Not applicable		
trisodium hexafluoroaluminate (13775-53	3-6)		
Persistence and degradability	Biodegradability: not applicable. Low potential for mobility in soil.		
Biochemical oxygen demand (BOD)	Not applicable		
Chemical oxygen demand (COD)	Not applicable		
ThOD	Not applicable		
cryolite (15096-52-3)			
Persistence and degradability	Biodegradability: not applicable. Low potential for mobility in soil.		
Biochemical oxygen demand (BOD)	Not applicable		
Chemical oxygen demand (COD)	Not applicable		
ThOD	Not applicable		
Calcium Carbonate (471-34-1)			
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.		
ThOD	Not applicable (inorganic)		
barium sulfate (7727-43-7)	barium sulfate (7727-43-7)		
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.		
Biochemical oxygen demand (BOD)	Not applicable		
Chemical oxygen demand (COD)	Not applicable		
ThOD	Not applicable		
calcium fluoride (7789-75-5)			
Persistence and degradability	Biodegradability: not applicable.		

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calcium fluoride (7789-75-5)	
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
graphite (7782-42-5)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
potassiumtetrafluoroborate (14075-53-7)	
Persistence and degradability	Biodegradability in soil: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
pyrite (FeS2) (1309-36-0)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
calcium oxide (1305-78-8)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
zirconium(IV)oxide (1314-23-4)	
Persistence and degradability	Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
silicon carbide (409-21-2)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3. Bioaccumulative potential

fiberglass (65997-17-3)		
Bioaccumulative potential	No bioaccumulation data available.	
potassium sulfate (7778-80-5)		
Bioaccumulative potential	Not bioaccumulative.	
trisodium hexafluoroaluminate (13775-53-6)		
Bioaccumulative potential	Bioaccumulation: not applicable.	

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amuslita (45000 50.2)			
cryolite (15096-52-3)			
Bioaccumulative potential	Bioaccumulation: not applicable.		
Calcium Carbonate (471-34-1)			
Log Pow	-2.12 (Estimated value)		
Bioaccumulative potential	Bioaccumulation: not applicable.		
barium sulfate (7727-43-7)			
BCF fish 1	68.4 (BCF; Lepomis macrochirus)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
calcium fluoride (7789-75-5)			
Bioaccumulative potential	No bioaccumulation data available.		
graphite (7782-42-5)			
Bioaccumulative potential	No bioaccumulation data available.		
potassiumtetrafluoroborate (14075-53-7)			
Bioaccumulative potential	No bioaccumulation data available.		
pyrite (FeS2) (1309-36-0)			
Bioaccumulative potential	No bioaccumulation data available.		
calcium oxide (1305-78-8)			
Bioaccumulative potential	Not bioaccumulative.		
zirconium(IV)oxide (1314-23-4)			
Bioaccumulative potential	Not bioaccumulative.		
silicon carbide (409-21-2)			
Bioaccumulative potential	Bioaccumulation: not applicable.		

12.4. Mobility in soil

trisodium hexafluoroaluminate (13775-53-6)		
Ecology - soil	Toxic to soil organisms.	
cryolite (15096-52-3)		
Ecology - soil	Toxic to soil organisms.	

12.5. Other adverse effects

Effect on the global warming No known ecological damage caused by this product.

Other information Do not allow the product, as is, to spread into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) Disposal must be done according to official regulations.

Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Avoid release to the

environment.

Ecology - waste materials Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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ADR	IMDG	IATA	RID	
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping nan	16			
Not applicable	Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	Not applicable	
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	
No supplementary information available				

14.6. Special precautions for user

- Overland transport
- Transport by sea

No data available

- Air transport

No data available

- Rail transport

Carriage prohibited (RID)

No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Aluminium oxide CAS No 1344-28-1 <= 80%

Aluminium oxide (1344-28-1)

Subject to reporting requirements of United States SARA Section 313

15.2. International regulations

CANADA

No additional information available

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EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Revision date 12/15/2015

Full text of H-statements:

ti oi n-statements.	·	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category	
	2	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A	
Resp. Sens. 1	Sensitisation — Respiratory, Category 1	
Skin Corr. 1A	Skin corrosion/irritation, Category 1A	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Sensitisation — Skin, Category 1	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3,	
	Respiratory tract irritation	
H302	Harmful if swallowed	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H334	May cause allergy or asthma symptoms or breathing difficulties if	
	inhaled	
H335	May cause respiratory irritation	
H372	Causes damage to organs through prolonged or repeated exposure	
H411	Toxic to aquatic life with long lasting effects	
t	<u> </u>	

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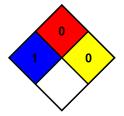
NFPA health hazard 1 - Exposure could cause irritation but only minor residual

injury even if no treatment is given.

NFPA fire hazard 0 - Materials that will not burn.

0 - Normally stable, even under fire exposure conditions,

and are not reactive with water.



HMIS III Rating

NFPA reactivity

Health 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability 0 Minimal Hazard - Materials that will not burn

Physical 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT

react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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