

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

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

1.1 Product identifier

Trade name : SILVERSHINE 408 Aluminiumpaste

Material number : 023722G60

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

This information is not available.

1.3 Details of the supplier of the safety data sheet

Company : ECKART GmbH

Guentersthal 4 91235 Hartenstein

Telephone : +499152770 Telefax : +499152777008

E-mail address : msds.eckart@altana.com

Responsible/issuing person

1.4 Emergency telephone number

NCEC:

(contract no.: ECKART29003-NCEC)

+44 1235 239671 (Middle East/Africa, call and response in your language)

+1 215 207 0061 (Americas, call and response in your language)

+65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

: Skin corrosion/irritation, Category 3, H316

Serious eye damage/eye irritation, Category 2A, H319 Specific target organ toxicity - single exposure, Category 3,

Page 1 / 23	102000029233	A member of C ALTANA
-------------	--------------	-----------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Respiratory system, Central nervous system, H335H336 Long-term (chronic) aquatic hazard, Category 2, H411

GHS-Labelling

Symbol(s) :





Signal word : Warning

Hazard statements : H316: Causes mild skin irritation.

H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**

P261 Avoid breathing dust.

P264 Wash skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.

Response:

P304 + P340 + P319 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you

feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P332 + P317 If skin irritation occurs: Get medical help. P337 + P317 If eye irritation persists: Get medical help.

P391 Collect spillage.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container

tightly closed.

P405 Store locked up.

Disposal:

Page 2 / 23	102000029233	A member of () ALTANA
-------------	--------------	------------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label

Identification CAS-No. Solvent naphtha (petroleum), light arom. 64742-95-6

Other hazards which do not result in classification

Combustible Solids

SECTION 3: Composition/information on ingredients

Substance No. :

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium powder (stabilised)	7429-90-5 231-072-3	Flam. Sol.;1;H228	50 - 100
Solvent naphtha (petroleum), light arom.	64742-95-6 918-668-5	Flam. Liq.;3;H226 Acute Tox.;5;H303 Acute Tox.;5;H313 STOT SE;3;H335, H336 Asp. Tox.;1;H304 Aquatic Chronic;2;H411	25 - 50
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha	64742-48-9 918-481-9	Flam. Liq.;4;H227 Asp. Tox.;1;H304	10 - 20

7. The thou of the state of the	Page 3 / 23	102000029233	A member of C ALTANA
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------	--------------	-----------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Poly(oxy-1,2-ethanediyl),	73038-25-2	;2;H315	1 - 2,5
alphaisotridecyl-omega-hydroxy-		;1;H318	
, phosphate		Aquatic	
		Chronic;3;H412	

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Move the victim to fresh air.

Do not leave the victim unattended.

Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

If inhaled : Consult a physician after significant exposure.

If unconscious, place in recovery position and seek medical

advice.

In case of skin contact : Wash off immediately with soap and plenty of water.

If skin irritation persists, call a physician.

If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Keep eye wide open while rinsing.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Page 4 / 23	102000029233	A member of C ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Dry sand, Special powder against metal fire

Unsuitable extinguishing

media

: Water, Foam, ABC powder, Carbon dioxide (CO2)

5.2 Special hazards arising from the substance or mixture

Specific hazards during

firefighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

5.3 Advice for firefighters

for firefighters

Special protective equipment : Use personal protective equipment.

Wear self-contained breathing apparatus for firefighting if

necessary.

Further information Collect contaminated fire extinguishing water separately. This

must not be discharged into drains. Fire residues and

contaminated fire extinguishing water must be disposed of in

accordance with local regulations.



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.

Use personal protective equipment. Remove all sources of ignition. Use personal protective equipment.

Avoid dust formation.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment.

Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Do not flush with water.

Keep in suitable, closed containers for disposal.

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 : Keep away from heat and sources of ignition. Avoid dust

formation. Ensure adequate ventilation.

Page 6 / 23	102000029233	A member of C ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Avoid formation of respirable particles. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Earthing of containers and apparatuses is essential.

Avoid dust formation.

Hygiene measures

: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Keep away from sources of ignition - No smoking.

Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions

: Protect from humidity and water. Do not allow to dry.

Advice on common storage

: Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

reactions.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Page 7 / 23	102000029233	A member of C ALTANA
-------------	--------------	-----------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m3	2014-04-02	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m3	2014-04-02	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Solvent naphtha (petroleum), light arom.	64742-95- 6	AGW	100 mg/m3	2009-02-16	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Further informa	ation	Group exposure limit for hydrocarbon solvent mixturesCommission for dangerous substancesSee also No. 2.9 of the TRGS 900			also No. 2.9
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated	64742-48- 9	AGW	300 mg/m3	2017-11-30	DE TRGS 900



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

naphtha	
Peak-limit: excursion	2;(II)
factor (category)	
Further information	Group exposure limit for hydrocarbon solvent mixturesCommission for dangerous substancesSee also No. 2.9 of the TRGS 900

United States of America (USA):

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium powder (stabilised)	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate	1 mg/m3	2008-01-01	

Page 9 / 23 102000029233 A memb



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

		matter)	l	
aluminium powder (stabilised)	7429-90-5	TWA	5 mg/m3	2005-09-01
aluminium powder (stabilised)	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01
aluminium powder (stabilised)	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19
aluminium powder (stabilised)	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19
aluminium powder (stabilised)	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08
aluminium powder (stabilised)	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08
aluminium powder (stabilised)	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01
aluminium powder (stabilised)	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19
aluminium powder (stabilised)	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02
aluminium	7429-90-5	PEL (Pyro	5 mg/m3	2017-10-02



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

powder (stabilised)		powders)			
Solvent naphtha (petroleum), light arom.	64742-95- 6	TWA	500 ppm 2 000 mg/m3	2007-01-01	
Solvent naphtha (petroleum), light arom.	64742-95- 6	TWA	200 mg/m3	2010-03-01	
Solvent naphtha (petroleum), light arom.	64742-95- 6	TWA	400 ppm 1 600 mg/m3	1989-01-19	
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha	64742-48- 9	TWA	500 ppm 2 000 mg/m3	2007-01-01	
Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha	64742-48- 9	TWA	400 ppm 1 600 mg/m3	1989-01-19	

8.2 Exposure controls

Personal protective equipment

Eye protection : Wear face-shield and protective suit for abnormal processing

problems.

Page 11 / 23	102000029233	A member of ALTANA
--------------	--------------	---------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Hand protection

Material : Solvent-resistant gloves

Remarks : Take note of the information given by the producer concerning

permeability and break through times, and of special

workplace conditions (mechanical strain, duration of contact).

The exact break through time can be obtained from the protective glove producer and this has to be observed.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the

danger of cuts, abrasion, and the contact time. Recommended preventive skin protection

Skin should be washed after contact.

The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Skin and body protection : Long sleeved clothing

Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Choose body protection according to the amount and

concentration of the dangerous substance at the work place.

Respiratory protection : Use suitable breathing protection if workplace concentration

requires.



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

: In the case of dust or aerosol formation use respirator with an approved filter.

Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.

Environmental exposure controls

General advice

: Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Water : The product should not be allowed to enter drains, water

courses or the soil.

.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Pasty solid

Colour : silver

Odour : characteristic

pH : substance/mixture is non-soluble (in water)

Freezing point : No data available
Boiling point/boiling range : No data available
Flash point : No data available

Page 13 / 23	102000029233	A member of C ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Bulk density : No data available Flammability (solid, gas) : Combustible Solids

Auto-flammability : not auto-flammable
Upper explosion limit : No data available
Lower explosion limit : No data available
Vapour pressure : No data available
Density : 1,1 - 1,5 g/cm3
Water solubility : No data available

Miscibility with water : immiscible

Solubility in other solvents : No data available Partition coefficient: n-octanol/water : No data available Ignition temperature : No data available Thermal decomposition : No data available Viscosity, dynamic : No data available Viscosity, kinematic : No data available Flow time : No data available Explosive properties : Not explosive

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

Page 14 / 23	102000029233	A member of C ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Reacts with alkalis, acids, halogenes and oxidizing agents.

Contact with acids and alkalis may release hydrogen. Mixture reacts slowly with water resulting in evolution of

hydrogen.

Vapour/air-mixtures are explosive at intense warming.

Stable under recommended storage conditions.

10.4 Conditions to avoid

Conditions to avoid : Do not allow to dry.

No data available

10.5 Incompatible materials

Materials to avoid : Acids

Bases

Oxidizing agents

Highly halogenated compounds

10.6 Hazardous decomposition products

Hazardous decomposition

products

: No data available

Other information : No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

Page 15 / 23	102000029233	A member of C ALTANA
--------------	--------------	-----------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Solvent naphtha (petroleum), light arom. :

Acute oral toxicity : LD50 Rat: 3 492 mg/kg

Acute dermal toxicity : LD50 Rabbit: > 3 160 mg/kg

Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen treated naphtha:

Acute oral toxicity : LD50 Rat: > 5 000 mg/kg

Acute inhalation toxicity : LC50 Rat: Test atmosphere: vapour

An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable

concentration.

Acute dermal toxicity : LD50 Rabbit: > 5 000 mg/kg

Skin corrosion/irritation

Product

May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Product

Eye irritation

Respiratory or skin sensitisation

No data available

Page 16 / 23	102000029233	A member of ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

Page 17 / 23 102000029233 A member of () ALTAN	Page 17 / 23
-------------------------------------------------------	--------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

Components:

Solvent naphtha (petroleum), light arom. (64742-95-6):

Ecotoxicology Assessment

Long-term (chronic) aquatic : Toxic to aquatic life with long lasting effects.

hazard

Poly(oxy-1,2-ethanediyl), alphaisotridecyl-omega-hydroxy-, phosphate (73038-25-2):

Ecotoxicology Assessment

Long-term (chronic) aquatic

: Harmful to aquatic life with long lasting effects. hazard

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Product:

Additional ecological

information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with

long lasting effects.



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with

chemical or used container.

Send to a licensed waste management company. In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number

ADR : 3077

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG : 3077 IATA : 3077

14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(Solvent naphtha)

Page 19 / 23	A member of ALTANA
--------------	--------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(,Solvent naphtha)

IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(Solvent naphtha)

14.3 Transport hazard class

ADR : 9

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG : 9 **IATA** : 9

14.4 Packing group

ADR

Packaging group : III
Classification Code : M7
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (-)

TDG

Not dangerous goods

0 / 23 102000029233	A member of C ALTANA
---------------------	-----------------------------



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

CFR

Not dangerous goods

IMDG

Packaging group : III Labels : 9

EmS Number : F-A, S-F

IATA

Packing instruction (cargo : 956

aircraft)

Packing instruction : 956

(passenger aircraft)

Packing instruction (LQ) : Y956
Packaging group : III
Labels : 9

14.5 Environmental hazards

IMDG : Marine pollutant

ADR : Environmentally hazardous

14.6 Special precautions for user

IMDG Code- segregation group:

: IMDG Code segregation group 7 - Heavy metals and their salts

For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

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

No data available

Page 21 / 23	102000029233	A member of C ALTANA
		A THE HIDE OF CO



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

: Not applicable

Regulation (EC) No 1005/2009 on substances that

deplete the ozone layer

: Not applicable

Regulation (EU) 2019/1021 on persistent organic

pollutants (recast)

: Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances,

preparations and articles (Annex XVII)

 Banned and/or restricted (aluminium powder (stabilised)) (Solvent naphtha (petroleum), light

arom.)

(Naphtha (petroleum), hydrotreated heavy; Low boiling point ydrogen

treated naphtha)

(Poly(oxy-1,2-ethanediyl),

alphaisotridecyl-omega-hydroxy-,

phosphate)

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H-Statements

H226 : Flammable liquid and vapour.

H227 : Combustible liquid.

A member of C ALTANA



Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

SILVERSHINE 408 Aluminiumpaste

Version 4.0 Revision Date 29.07.2022 Print Date 30.07.2022

H228	: Flammable solid.
H303	: May be harmful if swallowed.
H304	: May be fatal if swallowed and enters airways.
H313	: May be harmful in contact with skin.
H315	: Causes skin irritation.
H316	: Causes mild skin irritation.
H318	: Causes serious eye damage.
H319	: Causes serious eye irritation.
H335	: May cause respiratory irritation.
H336	: May cause drowsiness or dizziness.
H411	: Toxic to aquatic life with long lasting effects.

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.