

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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

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

#### 1.1 Product identifier

Trade name : SILVERSHINE 412 Aluminium Paste

Material number : 022579G60

## 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**

 Specific target organ toxicity - single exposure, Category 3, Respiratory system, Central nervous system, H335H336 Long-term (chronic) aquatic hazard, Category 2, H411

Page 1 / 21	102000024923	A member of <b>C ALTANA</b>



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

**GHS-Labelling** 

Symbol(s) :

!



Signal word : Warning

Hazard statements : 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.

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

P273 Avoid release to the environment.

Response:

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

feel unwell.

P391 Collect spillage.

Storage:

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

tightly closed.

P405 Store locked up.

Disposal:

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

Page 2 / 21	102000024923	A member of <b>C</b> ALTANA
-------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

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

Substance No. :

### **Hazardous components**

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium	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	64742-48-9 918-481-9	Flam. Liq.;4;H227 Asp. Tox.;1;H304	1 - 10

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.

Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

Page 3 / 21 102000024923	A member of <b>C ALTANA</b>
--------------------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

If symptoms persist, call a physician.

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

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

Flush eyes with water as a precaution.

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.

### 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

Special protective equipment

for firefighters

: Use personal protective equipment.

Wear self-contained breathing apparatus for firefighting if

necessary.

Page 4 / 21	102000024923	A member of <b>O ALTANA</b>
-------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

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.

#### **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

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

courses or the soil.

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.

This information is not available.

### 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.

Page 5 / 21	102000024923	A member of <b>C ALTANA</b>
-------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

### **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.

Avoid formation of respirable particles. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. 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 : 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. Observe label precautions. 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 toget

: Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during

Page 6 / 21 A member of ALTANA	Page 6 / 21	102000024923	A member of <b>C</b> ALTANA
--------------------------------	-------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

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

### 7.3 Specific end use(s)

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	7429-90-5	AGW (Inhalable fraction)	10 mg/m3	2021-07-02	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Further inform	ation		ompliance with the one or isk of harming the	_	cal tolerance
aluminium	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m3	2021-07-02	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Further inform	ation	When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
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)			

A member of C ALIANA	Page 7 / 21	102000024923	A member of <b>() ALTANA</b>
----------------------	-------------	--------------	------------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

Further inform	ation	Group exposure limit for hydrocarbon solvent mixturesCommission for dangerous substancesSee also No. 2.9 of the TRGS 900			
Naphtha (petroleum), hydrotreated heavy	64742-48- 9	AGW	300 mg/m3	2017-11-30	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Further inform	ation	Group exposure limit for hydrocarbon solvent mixtures Commission for dangerous substances See 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	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2008-01-01	
aluminium	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	

Page 8 / 21	102000024923	A member of <b>C</b> ALTANA
-------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01
aluminium	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19
aluminium	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19
aluminium	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08
aluminium	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01
aluminium	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19
aluminium	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02
aluminium	7429-90-5	PEL (Pyro powders)	5 mg/m3	2017-10-02
aluminium	7429-90-5	TWA (powder)	5 mg/m3	1989-01-19
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	64742-48- 9	TWA	500 ppm 2 000 mg/m3	2007-01-01
Naphtha (petroleum), hydrotreated	64742-48- 9	TWA	400 ppm 1 600 mg/m3	1989-01-19



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

heavy

### 8.2 Exposure controls

### Personal protective equipment

Eye protection : Safety glasses

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.

Page 10 / 21 A member of <b>C ALTANA</b>	Page 10 / 21	102000024923	A member of <b>C</b> ALTANA
--	--------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

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

courses or the soil.

: 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.

### **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 : 140 - 200 °C

Flash point : No data available
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

Page 11 / 21 102000024923 A member	of C ALTANA
------------------------------------	-------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

Density : 1,3 - 2,0 g/cm3

Solubility(ies)

Water solubility : insoluble

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 No data available Viscosity, kinematic Flow time No data available Explosive properties : Not explosive

### 9.2 Other information

Self-Accelerating : No data available

decomposition temperature

(SADT)

Self-heating substances : No data available
Heat of combustion : No data available
Impact sensitivity : No data available
Surface tension : No data available

Conductivity : No data available
Sublimation point : No data available
Molecular weight : No data available

Page 12 / 21	102000024923	A member of <b>C</b> ALTANA
--------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 10.2 Chemical stability

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

Other information : No data available

### **SECTION 11: Toxicological information**

### 11.1 Information on toxicological effects

### **Acute toxicity**

Page 13 / 21	102000024923	A member of <b>C</b> ALTANA
--------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

### **Components:**

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 :

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

No data available

### Serious eye damage/eye irritation

#### **Product**

Product dust may be irritating to eyes, skin and respiratory system.

### Respiratory or skin sensitisation

Page 14 / 21 102000024923	A member of <b>() ALTANA</b>
---------------------------	------------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

No data available

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** 

No data available

# **SECTION 12: Ecological information**

# 12.1 Toxicity

Page 15 / 21	102000024923	A member of <b>C</b> ALTANA



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

**Components:** 

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

**Ecotoxicology Assessment** 

Long-term (chronic) aquatic

: Toxic 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.

# **SECTION 13: Disposal considerations**

Page 16 / 21	102000024923	A member of <b>(C) ALTANA</b>
		The state of the s



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

#### 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.

(aromatic hydrocarbons)

**TDG** 

Not dangerous goods

CFR

Not dangerous goods

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

Page 17 / 21	102000024923	A member of <b>C ALTANA</b>



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

N.O.S.

(,aromatic hydrocarbons)

IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,

N.O.S.

(aromatic hydrocarbons)

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

**CFR** 

Not dangerous goods

**IMDG** 

Packaging group : III Labels : 9

Page 18 / 21	102000024923	A member of <b>C</b> ALTANA
--------------	--------------	-----------------------------



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

EmS Code : 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

### **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 : Not applicable

Page 19 / 21	102000024923	A member of <b>() ALTANA</b>
	I and the second	



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

Concern for Authorisation (Article 59).

REACH - List of substances subject to authorisation : Not applicable

(Annex XIV)

Regulation (EC) No 1005/2009 on substances that : Not applicable

deplete the ozone layer

Regulation (EU) 2019/1021 on persistent organic : Not applicable

pollutants (recast)

REACH - Restrictions on the manufacture, placing on

the market and use of certain dangerous substances,

mixtures 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)

#### 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. H228 : Flammable solid.

H303 : May be harmful if swallowed.

H304 : May be fatal if swallowed and enters airways.

H313
H335
May be harmful in contact with skin.
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



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

# **SILVERSHINE 412 Aluminium Paste**

Version 3.0 Revision Date 15.03.2024 Print Date 29.11.2024

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.