

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name : STAPA UV CHROMAL X/H Aluminium Paste
Material number : 055223G60

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**

: Short-term (acute) aquatic hazard, Category 1, H400
Long-term (chronic) aquatic hazard, Category 2, H411

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

GHS-Labeling

Symbol(s)

:



Signal word

: Warning

Hazard statements

: H400: Very toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**
P273 Avoid release to the environment.
Response:
P391 Collect spillage.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.**Hazardous components which must be listed on the label****Other hazards which do not result in classification**

Combustible Solids

SECTION 3: Composition/information on ingredients

Substance name

: stapa uv chromal X/h

Substance No.

:

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
---------------	-----------------------	---------------------------------	------------------

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

aluminium powder (stabilised)	7429-90-5 231-072-3	Flam. Sol.;1;H228	50 - 100
fatty alcohols	Not Assigned	Aquatic Acute;1;H400 Aquatic Chronic;2;H411	25 - 50

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.
- No hazards which require special first aid measures.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
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 eye irritation persists, consult a specialist.
- 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.

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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

Special protective equipment for firefighters : 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

Personal precautions : Evacuate personnel to safe areas.
Use personal protective equipment.
Remove all sources of ignition.
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.

For personal protection see section 8. Smoking, eating and
drinking should be prohibited in the application area. Dispose
of rinse water in accordance with local and national
regulations.

Advice on protection against : Keep away from open flames, hot surfaces and sources of

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

fire and explosion ignition. Earthing of containers and apparatuses is essential.

Normal measures for preventive fire protection.

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. 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.

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	Control	Update	Basis
Page 6 / 19		102000000295		A member of  ALTANA	

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

		(Form of exposure)	parameters		
aluminium powder (stabilised)	7429-90-5	AGW (Inhalable fraction)	10 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)	2;(II)				
Further information	Commission for dangerous substancesSenate commission for the review of compounds at the work place dangerous for the health (MAK-commission).				
aluminium powder (stabilised)	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m ³	2014-04-02	DE TRGS 900
Peak-limit: excursion factor (category)	2;(II)				
Further information	Commission for dangerous substancesSenate commission for the review of compounds at the work place dangerous for the health (MAK-commission).				

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/m ³	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (total dust)	15 mg/m ³	2012-07-01	
aluminium powder (stabilised)	7429-90-5	TWA (total)	10 mg/m ³	2013-10-08	
aluminium powder (stabilised)	7429-90-5	TWA (respirable fraction)	5 mg/m ³	2012-07-01	

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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 fraction)	1 mg/m3	2008-01-01	
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	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08	

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

(stabilised)					
aluminium powder (stabilised)	7429-90-5	TWA (Respirable fraction)	1 mg/m ³	2013-03-01	
aluminium powder (stabilised)	7429-90-5	TWA (Fumes)	5 mg/m ³	1989-01-19	
aluminium powder (stabilised)	7429-90-5	PEL (Welding fumes)	5 mg/m ³	2017-10-02	
aluminium powder (stabilised)	7429-90-5	PEL (Pyro powders)	5 mg/m ³	2017-10-02	
stearic acid	57-11-4	TWA	10 mg/m ³	2016-03-01	

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.

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

- 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.

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.
- :

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	: Pasty solid
Colour	: silver
Odour	: characteristic
pH	: No data available
Freezing point	: No data available
Boiling point/boiling range	: No data available
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
Density	: No data available
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

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

10.6 Hazardous decomposition productsHazardous decomposition : No data available
products

Other information : No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitisation

No data available

Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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****Components:****fatty alcohols () :****Ecotoxicology Assessment**

Short-term (acute) aquatic hazard : Very toxic to aquatic life.

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

12.2 Persistence and degradability

No data available

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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., Very toxic to aquatic life.,
Toxic to aquatic life with long lasting effects.

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.

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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.
(C13-C16 Isoalcohols)

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(,C13-C16 Isoalcohols)

IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(C13-C16 Isoalcohols)

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Packaging group : III

Labels : 9

EmS Number : F-A, S-F

IATAPacking instruction (cargo
aircraft) : 956Packing instruction
(passenger aircraft) : 956

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

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

14.5 Environmental hazards

ADR : Environmentally hazardous
IMDG : Marine pollutant

14.6 Special precautions for user

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 Concern for Authorisation (Article 59) : Not applicable

15.2 Chemical safety assessment

No data available

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

STAPA UV CHROMAL X/H Aluminium Paste

Version 2.0

Revision Date 04.12.2019

Print Date 25.02.2022

SECTION 16: Other information**Full text of H-Statements**

H228	: Flammable solid.
H400	: Very toxic to aquatic life.
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.