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

1.1 Product identifier

Trade name: STAPA 4 X Aluminium Paste

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

GBK Gefahrgut Büro GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free): 1-800-5355-053

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable solids, Category 1
H228: Flammable solid.

Skin irritation, Category 2
H315: Causes skin irritation.

Classification (67/548/EEC, 1999/45/EC)

Highly flammable
R11: Highly flammable.

Harmful
R20/21: Harmful by inhalation and in contact with skin.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms: 

- Flammable solid icon
- Caution icon

Signal word: Danger

Hazard statements:
- H228 Flammable solid.
- H315 Causes skin irritation.

Precautionary statements:

**Prevention:**
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P240 Ground/bond container and receiving equipment.
- P261 Avoid breathing vapours.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P370 + P378 In case of fire: Use for extinction: Dry sand.

**Storage:**
- P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**
- P501 Dispose of contents/ container to an approved waste disposal plant.

**2.3 Other hazards**

No information available.

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

**3.2 Mixtures**

**Hazardous components**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>7429-90-5</td>
<td>231-072-3</td>
<td>01-2119529243-45</td>
<td>F; R11</td>
<td>Flam. Sol. 1; H228</td>
<td>&gt;= 50 - &lt;= 100</td>
</tr>
<tr>
<td>Naphtha</td>
<td>64742-48-9</td>
<td></td>
<td></td>
<td>Xn; R65</td>
<td>Asp. Tox. 1; H304</td>
<td>&gt;= 20 - &lt; 25</td>
</tr>
</tbody>
</table>
STAPA 4 X Aluminium Paste

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| (petroleum), hydrotreated heavy xylene | 265-150-3 | R10 Xn; R20/21 Xi; R38 | Flam. Liq. 3; H226 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Irrit. 2; H315 | >= 12.5 - < 20 |

For the full text of the R-phrases mentioned in this Section, see Section 16.
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 out of dangerous area.
  Show this safety data sheet to the doctor in attendance.
  Move the victim to fresh air.
  Do not leave the victim unattended.

If inhaled

: Consult a physician after significant exposure.
  If unconscious place in recovery position and seek medical advice.

In case of skin contact

: If skin irritation persists, call a physician.
  If on skin, rinse well with water.
  If on clothes, remove clothes.

  Wash off immediately with soap and plenty of water.

In case of eye contact

: Flush eyes with water as a precaution.
  Remove contact lenses.
  Keep eye wide open while rinsing.
  If eye irritation persists, consult a specialist.

  Immediately flush eye(s) with plenty of water.

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

Symptoms

: No information available.
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

STAPA 4 X Aluminium Paste

Version 1.0   Revision Date 26.03.2014   Print Date 20.11.2018

Risks
: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment
: No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

Unsuitable extinguishing media
: ABC powder, Carbon dioxide (CO2), Water, Foam

5.2 Special hazards arising from the substance or mixture

This information is not available.

5.3 Advice for firefighters

Special protective equipment for firefighters
: Wear self contained breathing apparatus for fire fighting if necessary.

Use personal protective equipment.

Further information
: Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Use a water spray to cool fully closed containers. 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.
Use personal protective equipment.
Avoid dust formation.
Ensure adequate ventilation.
Remove all sources of ignition.
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:
- Do not flush with water.
- Keep in suitable, closed containers for disposal.
- Use mechanical handling equipment.
- Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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:
- Avoid formation of respirable particles. Do not breathe vapours/dust. 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:
- Avoid dust formation. Keep away from open flames, hot surfaces and sources of ignition.

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:
- 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.

Earthing of containers and apparatuses is essential. Reaction with water liberates extremely flammable gas (hydrogen) Take measures to prevent the build up of electrostatic charge. Use
explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

Further information on storage conditions : Protect from humidity and water.

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

German storage class : 4.1B, Flammable solid hazardous materials

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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>7429-90-5</td>
<td>TWA (Inhalable)</td>
<td>10 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

Further information: The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
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<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>7429-90-5</td>
<td>TWA (Respirable)</td>
<td>4 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

Further information: The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air...
equal to or greater than 10 mg.m\(^{-3}\) 8-hour TWA of inhalable dust or 4 mg.m\(^{-3}\) 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
<thead>
<tr>
<th>aluminium</th>
<th>7429-90-5</th>
<th>TWA (Inhalable)</th>
<th>10 mg/m(^3)</th>
<th>2005-04-06</th>
<th>GB EH40</th>
</tr>
</thead>
</table>

**Further information**

For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m\(^{-3}\) 8-hour TWA of inhalable dust or 4 mg.m\(^{-3}\) 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed ‘inhalable’ and ‘respirable’. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
<thead>
<tr>
<th>aluminium</th>
<th>7429-90-5</th>
<th>TWA (Respirable)</th>
<th>4 mg/m(^3)</th>
<th>2005-04-06</th>
<th>GB EH40</th>
</tr>
</thead>
</table>

**Further information**

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have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed ‘inhalable’ and ‘respirable’. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
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<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>TWA</td>
<td>50 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>220 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>STEL</td>
<td>100 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>441 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>TWA</td>
<td>50 ppm</td>
<td>2000-06-16</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>221 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Identifies the possibility of significant uptake through the skin</td>
<td>Indicative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>STEL</td>
<td>100 ppm</td>
<td>2000-06-16</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>442 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Identifies the possibility of significant uptake through the skin</td>
<td>Indicative</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Biological occupational exposure limits**
STAPA 4 X Aluminium Paste

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Sampling time</th>
<th>Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>methyl hippuric acid: (Urine)</td>
<td>Post shift</td>
<td>2005-04-06</td>
</tr>
</tbody>
</table>

**DNEL:**
Naphtha (petroleum), hydrotreated heavy (64742-48-9)

- **End Use:** Workers
- **Exposure routes:** Skin contact
- **Potential health effects:** long term – systemic effects
- **Value:** 300 mg/kg

**DNEL:**
Naphtha (petroleum), hydrotreated heavy (64742-48-9)

- **End Use:** Consumers
- **Exposure routes:** Ingestion
- **Potential health effects:** long term – systemic effects
- **Value:** 300 mg/kg

**DNEL:**
Naphtha (petroleum), hydrotreated heavy (64742-48-9)

- **End Use:** Consumers
- **Exposure routes:** Skin contact
- **Potential health effects:** long term – systemic effects
- **Value:** 300 mg/kg

**DNEL:**
Naphtha (petroleum), hydrotreated heavy (64742-48-9)

- **End Use:** Consumers
- **Exposure routes:** Inhalation
- **Potential health effects:** long term – systemic effects
- **Value:** 900 mg/m³

**DNEL:**
xylene (1330-20-7)

- **End Use:** Workers
- **Exposure routes:** Inhalation
- **Potential health effects:** short term – local effects
- **Value:** 289 mg/m³

**DNEL:**
xylene (1330-20-7)

- **End Use:** Workers
- **Exposure routes:** Inhalation
- **Potential health effects:** short term – systemic effects
- **Value:** 289 mg/m³

**DNEL:**
xylene (1330-20-7)

- **End Use:** Workers
- **Exposure routes:** Inhalation
- **Potential health effects:** long term – systemic effects
- **Value:** 77 mg/m³
# STAPA 4 X Aluminium Paste

## End Use: Workers

**Exposure routes:** Skin contact  
**Potential health effects:** long term – systemic effects  
**Value:** 180 mg/kg

## DNEL:

- **xylene (1330-20-7):**  
  - **End Use:** Consumers  
  - **Exposure routes:** Inhalation  
  - **Potential health effects:** short term – local effects  
  - **Value:** 174 mg/m³

## DNEL:

- **xylene (1330-20-7):**  
  - **End Use:** Consumers  
  - **Exposure routes:** Skin contact  
  - **Potential health effects:** long term – systemic effects  
  - **Value:** 108 mg/kg

## DNEL:

- **xylene (1330-20-7):**  
  - **End Use:** Consumers  
  - **Exposure routes:** Inhalation  
  - **Potential health effects:** short term – systemic effects  
  - **Value:** 174 mg/m³

## DNEL:

- **xylene (1330-20-7):**  
  - **End Use:** Consumers  
  - **Exposure routes:** Inhalation  
  - **Potential health effects:** long term – systemic effects  
  - **Value:** 14.8 mg/m³

## PNEC:

- **xylene (1330-20-7):**  
  - **Soil**  
  - **Value:** 2.31 mg/kg

## PNEC:

- **xylene (1330-20-7):**  
  - **Fresh water**  
  - **Value:** 0.327 mg/l

## PNEC:

- **xylene (1330-20-7):**  
  - **Fresh water sediment**  
  - **Value:** 12.46 mg/kg
xylene (1330-20-7)  | Marine water  
| Value: 0.327 mg/l |

**PNEC:**

**Marine water**

xylene (1330-20-7)  | Marine sediment  
| Value: 12.46 mg/kg |

**PNEC:**

**STP**

xylene (1330-20-7)  |  
| Value: 6.58 mg/l |

### 8.2 Exposure controls

**Personal protective equipment**

**Eye protection**: Eye wash bottle with pure water  
Goggles  

**Hand protection**

**Material**: Solvent-resistant gloves (butyl-rubber)

**Remarks**: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

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.

**Skin and body protection**: Choose body protection according to the amount and concentration of the dangerous substance at the work place.
**STAPA 4 X Aluminium Paste**

**Respiratory protection**
- Use suitable breathing protection if workplace concentration requires.
- 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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pasty solid</td>
</tr>
<tr>
<td>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>characteristic</td>
</tr>
<tr>
<td>pH</td>
<td>no data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>no data available</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>137 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>30 °C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
</tr>
<tr>
<td>Auto-flammability</td>
<td>no data available</td>
</tr>
</tbody>
</table>
STAPA 4 X Aluminium Paste

Upper explosion limit : no data available
Lower explosion limit : no data available
Vapour pressure : no data available
Density : 1.3 g/cm³
Water solubility : no data available
Solubility in other solvents : no data available
Partition coefficient: n-octanol/water : no data available
Auto-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

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 : Contact with acids and alkalis may release hydrogen.
Stable under recommended storage conditions.

10.4 Conditions to avoid
Conditions to avoid : Heat, flames and sparks.
Do not allow evaporation to dryness.

10.5 Incompatible materials
Materials to avoid : Acids
Bases
STAPA 4 X Aluminium Paste

10.6 Hazardous decomposition products

Other information : no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product

Acute inhalation toxicity : Acute toxicity estimate : > 5 mg/l

Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 2,000 mg/kg

Method: Calculation method

Components:

7429-90-5 :
Acute inhalation toxicity : LC50 rat: > 5 mg/l

Exposure time: 4 h
Test atmosphere: dust/mist

1330-20-7 :
Acute dermal toxicity : Acute toxicity estimate : 1,100 mg/kg

Method: Converted acute toxicity point estimate

Skin corrosion/irritation
Product
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation
Product
Product dust may be irritating to eyes, skin and respiratory system.

Respiratory or skin sensitisation
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

no data available

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 : no data available

SECTION 13: Disposal considerations

European Waste Catalogue : 12 01 04 - non-ferrous metal dust and particles

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
Contaminated packaging : Empty remaining contents.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number
ADR : 1325
IMDG : 1325
IATA : 1325

14.2 Proper shipping name
ADR : FLAMMABLE SOLID, ORGANIC, N.O.S. (Aluminium pigment paste)
IMDG : FLAMMABLE SOLID, ORGANIC, N.O.S. (Aluminium pigment paste)
IATA : FLAMMABLE SOLID, ORGANIC, N.O.S. (Aluminium pigment paste)

14.3 Transport hazard class
ADR : 4.1
IMDG : 4.1
IATA : 4.1

14.4 Packing group
ADR
Packaging group : II
Classification Code : F1
Hazard identification No : 40
Labels : 4.1
Tunnel restriction code : (E)

IMDG
Packaging group : II
Labels : 4.1
EmS Number : F-G, S-G
IATA

Packing instruction (cargo aircraft) : 448
Packing instruction (passenger aircraft) : 445
Packing instruction (LQ) : Y441
Packaging group : II
Labels : 4.1

14.5 Environmental hazards

IMDG :

14.6 Special precautions for user

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

15.2 Chemical Safety Assessment

no data available

SECTION 16: Other information

Full text of R-Phrases

R10 Flammable.
R11 Highly flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.
R65 Harmful: may cause lung damage if swallowed.

Full text of H-Statements
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

STAPA 4 X Aluminium Paste

Version 1.0          Revision Date 26.03.2014          Print Date 20.11.2018

H226    Flammable liquid and vapour.
H228    Flammable solid.
H304    May be fatal if swallowed and enters airways.
H312    Harmful in contact with skin.
H315    Causes skin irritation.
H332    Harmful if inhaled.

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