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

1.1 Product identifier

<table>
<thead>
<tr>
<th>Trade name</th>
<th>SHINEDECOR 9214</th>
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<tbody>
<tr>
<td>Material number</td>
<td>052656HD0</td>
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</table>

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

<table>
<thead>
<tr>
<th>Company</th>
<th>ECKART GmbH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guentersthal 4</td>
<td>91235 Hartenstein</td>
</tr>
<tr>
<td>Telephone</td>
<td>+499152770</td>
</tr>
<tr>
<td>Telefax</td>
<td>+499152777008</td>
</tr>
<tr>
<td>E-mail address</td>
<td><a href="mailto:msds.eckart@altana.com">msds.eckart@altana.com</a></td>
</tr>
<tr>
<td>Responsible/issuing person</td>
<td></td>
</tr>
</tbody>
</table>

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

GHS Classification

| Flammable liquids, Category 3, H226 |
| Serious eye damage/eye irritation, Category 2A, H319 |
SAFETY DATA SHEET

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

SHINEDECOR 9214

Version 2.2  Revision Date 02.01.2019  Print Date 07.01.2019

GHS-Labelling

Symbol(s) : ♂ ☢

Signal word : Warning

Hazard statements : H226: Flammable liquid and vapour. 
H319: Causes serious eye irritation.

Precautionary statements : Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

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

Hazardous components which must be listed on the label

SECTION 3: Composition/information on ingredients

Substance name : shinedecor 9161

Substance No. :

Hazardous components
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:
- 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.
- 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.

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

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, ABC powder, Foam

Unsuitable extinguishing media: Water

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: In the event of fire, wear self-contained breathing apparatus.

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. For safety reasons in case of fire, cans should be stored separately in closed.
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.
- Evacuate personnel to safe areas.
- Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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).
- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
- Do not flush with water.

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 aerosol. 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. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). 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: Earthing of containers and apparatuses is essential. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container.

No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage: Do not store near acids. Do not store together with oxidizing and self-igniting products. Keep away from oxidizing agents and strongly acid or alkaline materials. 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

<table>
<thead>
<tr>
<th>Germany:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>CAS-No.</td>
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<tr>
<td>aluminium powder (stabilised)</td>
<td>7429-90-5</td>
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<td>Peak-limit: excursion factor (category)</td>
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<td>Further information</td>
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<td>aluminium powder (stabilised)</td>
<td>7429-90-5</td>
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<td>Peak-limit: excursion factor (category)</td>
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factor (category)

Further information
Senate commission for the review of compounds at the workplace dangerous for the health (MAK-commission). When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child.

<table>
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<tr>
<th>Substance</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
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<td>7631-86-9</td>
<td>AGW (Inhalable fraction)</td>
<td>4 mg/m³</td>
<td>2011-04-12</td>
<td>DE TRGS 900</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Senate commission for the review of compounds at the workplace dangerous for the health (MAK-commission). Colloidal amorphous silica, including pyrogenic silica and in wet processes manufactured silica (precipitated silica, silicagel). When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child.</td>
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<tr>
<td>silicon dioxide</td>
<td>7631-86-9</td>
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<td>Senate commission for the review of compounds at the workplace dangerous for the health (MAK-commission). Colloidal amorphous silica, including pyrogenic silica and in wet processes manufactured silica (precipitated silica, silicagel). When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child.</td>
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**United States of America (USA):**

<table>
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<th>Components</th>
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<th>Update</th>
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<td></td>
</tr>
</tbody>
</table>
8.2 Exposure controls

Personal protective equipment
Eye protection : Goggles

: Wear face-shield and protective suit for abnormal processing problems.

Hand protection
Material : Solvent-resistant gloves (butyl-rubber)

Remarks : Take note of the information given by the producer concerning permeability and breakthrough times, and of special workplace conditions (mechanical strain, duration of contact).
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.

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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance: liquid

Colour: No data available

Odour: characteristic

pH: No data available

Freezing point: No data available

Boiling point/boiling range: 82 °C

Flash point: 26 °C

Bulk density: No data available

Flammability (solid, gas): No data available

Auto-flammability: No data available

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

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.
  - Vapours may form explosive mixture with air.

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

10.5 Incompatible materials
- Materials to avoid:
  - Acids
  - Bases
  - Oxidizing agents

10.6 Hazardous decomposition products
- Other information: No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity

Components:
propan-2-ol :
    Acute oral toxicity : LD50 Rat: > 2 000 mg/kg
    Acute dermal toxicity : LD50 Rabbit: > 2 000 mg/kg

Skin corrosion/irritation

Product
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation

Product
Eye irritation

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
   Solvents may degrease the skin.

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

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.
   : In accordance with local and national regulations.

   **Contaminated packaging**
   : Empty remaining contents.
   : Dispose of as unused product.
   : Do not re-use empty containers.
   : Do not burn, or use a cutting torch on, the empty drum.
   : In accordance with local and national regulations.
SECTION 14: Transport information

14.1 UN number
   ADR  
   Not dangerous goods
   TDG : 1263
   CFR : 1263
   IMDG : 1263
   IATA : 1263

14.2 Proper shipping name
   ADR  
   Not dangerous goods
   TDG : PAINT
   CFR : PAINT
   IMDG : PAINT
   IATA : PAINT

14.3 Transport hazard class
   ADR  
   Not dangerous goods
   TDG : 3
   CFR : 3
   IMDG : 3
   IATA : 3

14.4 Packing group
   ADR  
   Not dangerous goods
TDG
Packaging group : III
Labels : 3

CFR
Packaging group : III
Labels : 3

IMDG
Packaging group : III
Labels : 3
EmS Number : F-E, S-E

IATA
Packing instruction (cargo aircraft) : 366
Packing instruction (passenger aircraft) : 355
Packing instruction (LQ) : Y344
Packaging group : III
Labels : 3

14.5 Environmental hazards

14.6 Special precautions for user

IMDG Code- segregation group:
: Transport in accordance with 2.3.2.5 of the IMDG Code.

IMDG: Classified in accordance with Chapter 2.3.2.5 IMDG-Code

ADR: Classified in accordance with Chapter 2.2.3.1.5.1 and 2.2.3.1.5.2 ADR
Due to the risk of hydrogen development we recommend to refrain from airfreighting this/these product(s).

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

SECTION 16: Other information

Full text of H-Statements

H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H228 : Flammable solid.
H303 : May be harmful if swallowed.
H313 : May be harmful in contact with skin.
H319 : Causes serious eye irritation.

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