

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 19.03.2010

Revision: 19.03.2010

### 1 Identification of substance:

- **Product details:**
- **Trade name:** APM MicroMask
- **Application of the substance / the preparation:** Sandblasting
- **Manufacturer / Supplier:**  
AICELLO Chemical Europe GmbH  
Xantener Straße 1  
D-45479 Mülheim an der Ruhr  
Germany  
Phone: +49 208 / 3069-0  
Fax: +49 208 / 3069-1280
- **E-mail address of the competent person responsible for the Safety Data Sheet:** *sds@harke.com*
- **Informing department:** Abt. Gefahrgut
- **Emergency information:**  
For Germany: Beratungsstelle für Vergiftungserscheinungen Nürnberg  
Phone: +49 911 / 398-2451

### 2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** photosensitive sandblasting-film
- **Dangerous components:** Void

### 4 First aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:** Wash with soap and water.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing:** Do not induce vomiting; instantly call for medical help.

### 5 Fire fighting measures

- **Suitable extinguishing agents**  
Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or flue gases:**  
Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Wear self-contained breathing apparatus.

GB

(Contd. on page 2)

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(Contd. of page 1)

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Collect mechanically.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** Ensure that suitable extractors are available on processing machines.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** Store in cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
  - Protect from heat and direct sunlight.
  - Store in the dark.
  - Store in cool, dry conditions in well sealed containers.

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
  - Keep away from foodstuffs, beverages and food.
  - Do not eat, drink or smoke while working.
  - Avoid contact with the eyes.
  - Avoid close or long term contact with the skin.
  - Wash hands during breaks and at the end of the work.
  - Use skin protection cream for preventive skin protection.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
  - Protective gloves
  - To avoid skin problems reduce the wearing of gloves to the required minimum.
  - Check the permeability prior to each renewed use of the glove.
  - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
  - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- **Material of gloves**
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - Protective gloves should be replaced at first signs of wear.

(Contd. on page 3)

GB

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(Contd. of page 2)

- **Eye protection:** Safety glasses recommended
- **Body protection:** Protective clothing should be selected specifically for the working place.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Foil
<b>Colour:</b>	transparent
<b>Smell:</b>	odourless

### · Change in condition

**Melting point/Melting range:** not determined  
**Boiling point/Boiling range:** not determined

· **Flash point:** not applicable

· **Danger of explosion:** Product is not explosive.

· **Density** not determined

### · Solubility in / Miscibility with

**Water:** 100 %

· **Additional information** Further informations please refer to technical data sheet.

## 10 Stability and reactivity

### · Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Light

### · Materials to be avoided:

· **Dangerous reactions** Protect from overexposure to light.

· **Dangerous products of decomposition:** Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)

## 11 Toxicological information

### · Acute toxicity:

### · Primary irritant effect:

· **on the skin:** Dust particles may mechanically irritate the skin.

· **on the eye:** Dust particles may mechanically irritate the eye.

· **Sensitization:** No sensitizing effect known.

### · Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12 Ecological information:

### · Additional ecological information:

· **General notes:** There are no quantitative data on the ecological effects of this product available to us.

## 13 Disposal considerations

### · Product:

· **Recommendation** Disposal must be made according to official regulations.

(Contd. on page 4)

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(Contd. of page 3)

- **European waste catalogue:**  
Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Land transport ADR/RID (cross-border):**
- **ADR/RID Class:** -

- **Maritime transport IMDG-Code:**
- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

- **Designation according to EC guidelines:**  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.  
Observe all safety regulations when handling chemicals.
- **National regulations**
- **Decree to be applied in case of technical fault:** -

### 16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:**  
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Parkstraße 29                      Fax: +49 - 2151 - 652086-9  
D-47829 Krefeld  
Germany

- **Sources:** These data are based on information submitted by pre-suppliers.