

**SAFETY DATA SHEET**According to directive 91/155/EEC  
and its two amendments 93/112/EC & 2001/58/EC**1. IDENTIFICATION OF THE MATERIAL AND COMPANY**

Identification of the material: **ARGICAL-M 1000**  
Use: *Functional filler.*  
Identification of the company: **AGS**  
**F-17270 CLÉRAC**  
Tel.: (+33) 546 04 17 11 Fax: (+33) 546 04 18 36

**2. INFORMATION ON THE MATERIAL**

*Calcined natural kaolinitic clay.*  
Components:

|                      | <u>EINECS N°</u> | <u>CAS N°</u> | <u>Concentration</u> | <u>EC Classification</u> |
|----------------------|------------------|---------------|----------------------|--------------------------|
| <i>Calcined clay</i> | -                | -             | 100 %                | No classification        |

**3. HAZARDS IDENTIFICATION**

*The material is not classified as dangerous.*  
*As the material is a powder containing crystalline silica (quartz), prolonged exposure to excessive levels of dust from this material might lead to respiratory problems.*  
*For safe use, respect occupational exposure limits (see §8.1.).*

**4. FIRST AID MEASURES**

|               |                                     |   |
|---------------|-------------------------------------|---|
| Inhalation:   | <i>Remove patient to fresh air.</i> | <i>Seek medical attention if irritation or another symptom appears.</i> |
| Skin contact: | <i>Wash with soap and water.</i>    |   |
| Eye contact:  | <i>Flush with fresh water.</i>      |   |
| Ingestion:    | <i>No treatment necessary.</i>      |   |

**5. FIRE-FIGHTING MEASURES**

|                                |                        |
|--------------------------------|------------------------|
| Extinguishing media:           | <i>Not applicable.</i> |
| Forbidden extinguishing media: | <i>None.</i>           |
| Special exposure hazards:      | <i>None.</i>           |
| Special protective equipment:  | <i>None.</i>           |

**6. ACCIDENTAL RELEASE MEASURES**

|                            |  |
|----------------------------|--|
| Personal precautions:      | <i>Avoid dust formation. Wear respiratory protective equipment in case of exposure to high level of airborne dust.</i> |
| Environmental precautions: | <i>No special requirement.</i>   |
| Cleaning-up methods:       | <i>Vacuuming.</i>  |

**7. HANDLING AND STORAGE**

*Apply procedures to minimise dust generation.*

**8. EXPOSURE CONTROL / PERSONAL PROTECTION****8.1. Occupational exposure limit values**

*These values depend on national regulations. Users are asked to check the rules relevant to their countries.*

**8.2. Exposure controls****A. Occupational exposure controls**

*Use local exhaust ventilation to keep airborne concentrations of dust below permissible exposure levels.*

Respiratory protection: *Where airborne concentrations are expected to exceed exposure limits, respirators should be used.*

Hand and eye protection: *Gloves and goggles are not required for normal industrial exposures, but may be warranted if environment is excessively dusty.*

Skin protection: *Workers prone to dermatitis are advised to wear protective equipment.*

**B. Environmental exposure controls**

*No special requirement.*

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|                       |   |
|-----------------------|---|
| Appearance:           | <i>Powder.</i>  |
| Melting point:        | <i>&gt; 1 600 °C</i>                                  |
| Boiling point:        | <i>Not applicable.</i>                                |
| Flash point:          | <i>Not applicable.</i>                                |
| Flammability:         | <i>Not applicable.</i>                                |
| Explosive properties: | <i>Not applicable.</i>                                |
| Oxidising properties: | <i>Not applicable.</i>                                |
| Solubility:           | <i>Insoluble in water and commonly used solvents.</i> |

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**10. STABILITY AND REACTIVITY**

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|------------------------------------|--------------|
| Conditions and materials to avoid: | <i>None.</i> |
| Hazardous decomposition products:  | <i>None.</i> |

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**11. TOXICOLOGICAL INFORMATION**

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*No acute toxicity.*

*Prolonged or excessive exposure to respirable dust containing crystalline silica might cause silicosis, which is a pulmonary fibrosis. There is some scientific debate going on about the possible carcinogenicity of crystalline silica. There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis would be consistently assured by respecting present regulatory occupational limits.*

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**12. ECOLOGICAL INFORMATION**

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*No specific adverse effect known.*

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**13. DISPOSAL CONSIDERATIONS**

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*Being inert, the material can be disposed of by landfill, in compliance with local regulations.*

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**14. TRANSPORT INFORMATION**

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*The material is not classified as dangerous.*

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**15. REGULATORY INFORMATION**

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*As the material is not classified as dangerous, no labelling is required.*

*Users should check occupational exposure limit values relevant to their countries.*

*The product, or any of the by-minerals contained, has not been classified at the EU level, under the dangerous substances and preparations regulation.*

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**16. OTHER INFORMATION**

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*Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.*

*Such information is the best of AGS's knowledge and belief accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.*