SAFETY DATA SHEET 91/155/EEC

COGEBI
EXCELLENCE IN MICA

print date: 24/1/01
revision: 5/9/00
version: 3

1. Substance/preparation and company identification

1.1 Product name: COGETHERM (M / MC / P / PC)
COGEMICANITE 505 (505.2 / 505.3 / 505.4 / 505.2P / 505.3P)

1.2 Supplier:
COGEBI
14 Faraday Drive
dover, NH
03820
tel. (603) 749-6896
dom. (603) 749-6958
Web Site: www.cogebi.com

2. Composition / information on ingredients

2.1 Chemical nature:
contains:
Mica, silicon bond.

2.2 CAS No.
% R phrases

3. Hazards identification
none.

4. First-aid measures

4.1 Inhalation: -not applicable.
4.2 eye contact: -not applicable.
4.3 skin contact: -not applicable.
4.4 ingestion: -induce vomiting.
4.5 other: -none.
5. Fire-fighting measures

5.1 suitable extinguishing media: water spray, CO₂, ...
5.2 unsuitable extinguishing media: none.
5.3 special exposure hazards: none.
5.4 special equipment for fire fighters: none.
5.5 other recommendations: none.

6. Accidental release measures

6.1 personal precautions: not applicable.
6.2 Environmental precautions: not applicable.
6.3 methods for cleaning: not applicable.

Reference to points 8 and 13

7. Handling and storage

7.1 handling: no specific precautions required.
7.2 storage: Store in dry area.

8. Exposure controls/personal protection

8.1 technical protective measures: see also point 7
8.2 exposure control limits:

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS No.</th>
<th>exposure limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mica dust</td>
<td>12001-26-2</td>
<td>3 mg/m³</td>
</tr>
</tbody>
</table>

8.3 personal protection:
- respiratory protection: not required, unless dust is created.
- hand protection: not required.
- eye protection: not required.
- skin protection: not required.
- hygiene measures: Wash hands before meals and before smoking.
                  Protect against dust caused by sawing, drilling, ...
9. Physical and chemical properties

<table>
<thead>
<tr>
<th>9.1 physical form:</th>
<th>9.2 safety parameters:</th>
</tr>
</thead>
<tbody>
<tr>
<td>appearance: solid (sheets)</td>
<td>- boiling point/boiling range</td>
</tr>
<tr>
<td>odor: none</td>
<td>- melting point/melting range</td>
</tr>
<tr>
<td>color: light to dark.</td>
<td>- flash point</td>
</tr>
<tr>
<td>pH: neutral.</td>
<td>- flammability (solid, gas)</td>
</tr>
</tbody>
</table>

- not applicable.                                - not applicable.                                                                       |
- on first exposure to extreme high              - not applicable.                                                                       |
- temperature, very little gas from the          - on first exposure to extreme high                                                   |
- binder may ignite briefly.                     - temperature, very little gas from the                                                |
- autoflammability                               - binder may ignite briefly.                                                           |
- explosive properties                           - not applicable.                                                                       |
- oxidizing properties                           - not applicable.                                                                       |
- vapour pressure                                - relative density                                                                      |
- relative density                               - 2.0 to 2.5 kg/dm³.                                                                  |
- water solubility                               - soluble                                                                              |
- fat solubility                                 - not applicable.                                                                       |
- solvent:                                       - not applicable.                                                                       |
- partition coefficient n-octanol/water          - not applicable.                                                                       |

OTHER DATA:

- vapour density                                 - not applicable.                                                                       |
- miscibility                                     - not applicable.                                                                       |
- evaporation rate                                - not applicable.                                                                       |
- conductivity                                    - <25μS                                                                                |
- viscosity                                       - not applicable.                                                                       |

2 in accordance with directive 67/548/EEC
10. Stability and reactivity

10.1 stability:  binder undergoes changes of state at about 250°C.

10.2 reactivity
- conditions to avoid:  none.
- materials to avoid:  none.
- hazardous decomposition products:  CO₂, CO, SiO₂ from binder.

When there is a lack of oxygen, a small amount of formaldehyde and its polymerization products will be formed as intermediate products.

11. Toxicological information

11.1 Delayed and immediate effects from short- and long-term exposure to product/substance:  mica dust.
- skin contact  :  mica dust can involve irritation.
- eye contact  :  mica dust can involve irritation.
- inhalation  :  mica dust can involve irritation.
- ingestion  :  mica dust can involve irritation.

11.2 additional information:
LC50:  -  
LD50:  -

12. Ecological information

12.1 behaviour in aquatic environment
 mobility:  unknown.
 bioaccumulative potential:  unknown.

12.2 persistence
 degradability  :  The material decomposes gradually into its components.

12.3 ecotoxicity:
 aquatic toxicity:  unknown.
 soil:  unknown.
13. Disposal considerations

13.1 disposal of the substance/preparation:
No special measures required, apply state, federal or local regulations.

13.2 disposal of contaminated packaging:
No special measures required.

13.3 community provisions related to waste:
- In their absence:
  National or regional provisions may be in force

14. Transport information

none.

15. Regulatory information

15.1 classification and labeling
contains: none.
symbols: none.
R phrases: none.
S phrases: none.

15.2 national measures:

15.3 further information: none.

16. Other information

- training advice:
- recommended uses and restrictions:
- further information:
- sources:

The data in this safety data sheet is to the best of our knowledge at the indicated time.
The information may not be complete or correct. The user remains entirely responsible for
the application of laws and provisions.
This safety data sheet replaces any previous version.