

Material Safety Data Sheet

According to 1907/2006 EEC

Printing date: 08.09.2013

Version 1

Revision : 08.09.2013

Trade name IMPREG DUST BINDER

1 Identification of substance

- **Product details**
- **Trade name** *IMPREG DUST BINDER*
- **Application of the substance/the preparation** *Construction auxiliary*

- **Manufacturer/Supplier:**

*Tensid
Aquila House
Wheatash Road
Addlestone
Surrey
KT15 2ES*

www.tensid.com

- **Informing department:**

Tensid product safety department

- **Emergency information:** *Tel.: +44 (0) 1932 564 133*

2 Hazards identification

- **Hazard designation:** *void*
- **Information pertaining to particular dangers for man and environment:** *void*
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/Data on components:

- **Chemical characterization**
- **Description:** *Modified acrylic copolymer*
- **Dangerous components:** *void*

4 First aid measures

- **General information** *Instantly remove any clothing soiled by the product.*
- **After inhalation** *Provide with fresh air; consult doctor in case of symptoms.*
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
- **After eye contact**
*Rinse opened eye for several minutes under running water.
Seek medical treatment as a precaution.*

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- **After swallowing**
*Rinse out mouth and throat with water.
Do not induce vomiting; instantly call for medical help.*

5 Fire fighting measures

- **Suitable extinguishing agents**
CO₂, extinguishing powder or water spray jet. Fight larger fires with water spray jet or foam.
- **Special hazards caused by the material, its products of combustion or flue gases:**
*Can be released in case of fire:
Oxides of carbon (CO_x)
Acrylic monomers
In case of fire or smoldering fires harmful substances are released.*
- **Protective equipment:** *Wear self-contained breathing apparatus.*
- **Additional information**
*In case of fire do not inhale smoke, conflagration gases and steams.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
The product is not combustible. The residual polymer after volatilizing the watery phase is combustible.*

6 Accidental release measures

- **Person-related safety precautions:** *Personal protection see point 8. Particular danger of slipping on leaked/spilled product.*
- **Measures for environmental protection:**
*Do not allow to enter the ground, water or sewage water system.
Pay attention to local or official regulations.*
- **Measures for cleaning/collecting:**
*Close drains (risk of blockage caused by polymer precipitation).
Reduce the large amounts and pump them into suitable vessels.
Absorb with liquid-binding material (sand, diatomite, acid binders, sawdust).
Dispose of the material collected according to regulations.
Clean thoroughly the soiled surfaces.*

7 Handling and storage

- **Handling**
- **Information for safe handling:**
*Ensure good ventilation/exhaustion at the workplace.
Keep container tightly sealed.*
- **Information about protection against explosions and fires:** *No special measures required.*

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- **Storage**
- **Requirements to be met by storerooms and containers:**
Inappropriate material for containers and conduit: Iron and metals containing iron
Suitable material for containers and conduit: polyethylene
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect from temperatures below 5°C.
Protect from temperatures over 25°C.
Keep container tightly sealed.
- **Storage class:** 12 (according to VCI-outline)

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: Residual monomers (< 0,5 %)**
 MAK (Germany)
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Instantly remove any soiled and impregnated garments.
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:**
In case the work place is not ventilated sufficiently and during spray processing, it is necessary to wear respiratory protective equipment.
 Combination filter A/P
- **Protection of hands:** Protective gloves
- **Material of gloves:**
Suitable, e.g.
Neopren gloves
Recommended thickness of the material: $\geq 0,5$ mm
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.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

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9 Physical and chemical properties

- **General Information:**
 - Form:** Dispersion
 - Colour:** White
 - Smell:** Characteristic
 - Melting point/Melting range:** Not determined
 - Boiling point/Boiling range:** Not determined
- **Flash point:** Not applicable
- **Self-inflammability:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive.
- **Critical values for explosion:** Not applicable
- **Oxidizing properties**
- **Density at 20°C** ~ 1,01 g/cm³
- **Relative steam density (air=1):** Not applicable
- **Evaporation rate:** Not applicable
- **Solubility in / Miscibility with Water:** Miscible
- **pH-Value at 20°C:** 5,5 – 7,0
- **Viscosity:** 500 – 1000 mPas (Brookfield RV, spindle:3, 20 rpm)

10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous products of composition:**
 - No dangerous decomposition if stored and handled appropriately.
 - Can be released in case of fire:
 - See Section 5

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** Not determined
- **Primary irritant effect:**
- **on the skin:** In case of longer, direct contact with the skin light irritations of the skin are possible.
- **on the eye:** In case of direct contact irritations are possible.
- **Sensitization:** No sensitizing effect is known.
- **Other information (about experimental toxicology):** Experimental tests are not available.

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- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

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:

- **Information about elimination (persistence and degradability):**
The elimination in a biological sewage plant is done by flocculation, precipitation and adsorption on the activated sludge.
- **Ecotoxicological effects:**
- **Aquatic toxicity:**
- **Behavior in sewage processing plants:**
- **Bacteria toxicity EC 50:** > 500 mg/l (OECD 209)
- **Other information:** Preclarify waste water by precipitation.
- **Additional ecological information:**
- **AOX (DIN 38 409 dalis14; DEV H 14):**
- **AOX information:** The product does not increase the AOX-value of the waste water.
- **According to recipe contains the following heavy metals and compounds according to EC directive 76/464 EC:** According to our knowledge, the product does not contain heavy metals and other compounds of EC Directive 76/464 EC.

13 Disposal considerations

- **Product:**
- **Recommendation** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Transport/Additional information:**
No dangerous goods according to transport regulations.

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15 Regulatory information

- **Designation according to EC information**

*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 the normal safety regulations when handling chemicals.*

16 Other information

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

- **Department issuing data specification sheet:** Tensid product safety department
- **Contact:** Tensid