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SAFETY DATA SHEET

MAXSEAL FLEX STANDARD COMPONENT A

Issue date: 22.01.1998

Updated date: 17.10.2008

Updated number: 4

Reference: SDS 02904A

1. Identification of the substance or preparation and identification of the company

Product data

Trade name: **MAXSEAL FLEX STANDARD COMPONENT A**

Use: Additive for mortars an concrete.

Identification of the company: DRIZORO, S.A.
C/ Primavera nº 50 – 52
Polígono Industrial las Monjas
28850 – Torrejón de Ardoz (Madrid)
Telf.: (34) 916766676

Telephone in case of emergency: (34) 916766676

Another emergency phone: National Institute of Toxicology: (34) 915620420

2. Composition / information of ingredients

Chemical characterization

Description: Aqueous emulsion of acrylic polymer.

Hazardous ingredients:

CAS Number	Name of the ingredients	Concentration	Warning symbol, R phrases and other data on the ingredients

Other information:



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3. Hazards identification

Avoid contact with skin, eyes and respiratory system, causes irritation.
Wear suitable protective clothing, gloves and eye/face protection.

4. First aid measures

Avoid long contact with skin, eyes and respiratory system

Inhalation:

Move the patient to a well ventilated place. If breathing paralyzes or it is difficult, provide artificial respiration. seek medical advice.

Skin contact:

Remove as much as possible and then rinse thoroughly with water. If the product is wet, remove the product and rinse immediately the affected area with water for 15 minutes at least. Remove stained clothes. If symptoms persist in the skin go to a doctor.

Eye contact:

Keep the eyelids apart and clean eyes immediately with plenty of water for 15 minutes at least. Consult an ophthalmologist.

Ingestion:

Go immediately to a doctor and show this Safety Data Sheet. If a person vomits and is placed face-up, it should be turned to one side. The decision of inducing or not to vomit, will be based on medical criteria.

Notes for the doctor:

The treatment is based on the discretion of the doctor according to the reactions of the patient.



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5. Fire-fighting measures

Suitable extinguishing media:

Water mist, chemist powder, carbon dioxide (CO₂), foam.

Extinguishing media which should not be used for safety reasons:

Plentiful of water blasting.

Special protective equipment for a fire:

Firemen must wear boots, gloves and fireproofing body-suits, as well as self contained breathing apparatus.

Hazardous combustion products:

Non-flammable product. During combustion can be released small quantities of carbon oxide, nitrogen and cyanides.

Other instructions:

Retain expended liquids from fire fighting for later disposal.

6. Accidental release measures

Notification procedure:

In case of accidental spillage or leakage, notify the relevant Authorities in accordance with applicable rules.

Preventive measures concerning people:

Avoid powder spreads out. Do not breath fumes.

Provide well ventilation, Wear protective clothing and gloves, boots and eyes protection (goggles with lateral fittings).

Environmental precautions:

Avoid product penetrates into the ground, sewer system or superficial and underground water streams.

Methods for cleaning up:

Recover by mechanical devices or absorb with suitable products (Sand, vermiculite..., etc.)

The residue must be picked up, labelled and removed following laws in force.



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7. Handling and storage

Handling:

Do not breath fumes. Avoid contact with skin and eyes. Wear suitable protective clothing. Take into consideration laws in force.

Storage:

Keep containers tightly closed in a cool, well-ventilated and dry place with temperature between 10 – 35° C
Protect packaging against freezing.

8. Exposure controls / personal protection

Limit values for exposure:

Personal protection equipment

Respiratory protection:

Not required on standard work conditions.

Hands protection:

Use waterproof gloves.

Eyes protection:

Use goggles with lateral protection.

Skin and body protection:

Use protective waterproof boots and clothing.

Specific hygiene measures:

Provide good ventilation in places of storage, handling and use.



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9. Physical and chemical properties

Physical state: Liquid**State / colour:** milky**Odour:** Characteristic.**PH:** between 7 to 10**Boiling point / range, (°C):** 100 °C**Fusion point / range (°C):****Freezing point, (°C):****Breakdown temperature, (°C):** > 160°C**Flash point, (°C):****Flammability limits, (°C):****Autoignition temperature, (°C):****Explosion hazard:****Explosive limits upper:****Explosive limits lower:****Oxidising properties:****Vapour pressure, (mm Hg):** Aprox. 1**Relative density, (at 20 °C), (g/cc):** 1.0 – 1.05 g/cm³C**Water solubility:** Soluble**Viscosity, (cps):****Partition coefficient:** n-OCTANO/WATER**VOC concentration (g/l):** 0

10. Stability and reactivity

Stability:

No danger reactions are known while storing and handling according to the common industrial practise.

Conditions to avoid:

Temperatures over 160 °C could decompose the polymer.
Protect against freezing.

Materials to avoid:**Hazardous decomposition products:**

Thermic decompositions release acrylic monomers.



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11. Toxicological information

Acute toxicity

Inhalation:

Ingestion:

Skin and eyes:

Information on corrosive and irritating effects:

The action of product on skin and eyes of rabbit may cause light irritation without consequences.

Chronic effects and other:

Sensitization:

It could happen.

Other information on health effects:



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12. Ecological information

Mobility:

It is stable product.

Ecotoxicity:

Degradability:

It is stable product.

Persistence and degradability:

Biodegradation:

Hydrolysis:

Photolysis:

Atmospheric oxidation:

Aquatic toxicity:

Avoid product penetrates into sewer system or any superficial or underground stream.

Other toxicity:

Not bioaccumulable.

13. Disposal considerations

Disposal according to legislation in force, residue has to be properly labelling.

Do not dispose as an urban solid residue in a local dumpling place.

Take with mechanical devices or absorb with suitable products.

Solution can be coagulated with gradual addition of chloride ferric and lime, and dispose the residue according to legislation in force.



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14. Transport information

ADR/RID classification

Exempt

Sea transport, IMDG

Exempt

Air transport

Exempt

15. Regulatory information

Information of the warning label:

Letter code of the warning symbol and indications of danger for the preparation according to the EU:

Names of the ingredients given on the warning label:

R phrases

S phrases

S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

16. Other information

This product must be stored, handled and used on the basis of a good industrial hygiene, according to legislation in force. The information provided in this safety data sheet is based on our actual knowledge state and tries to describe our product from the point of view of safety requirements. It cannot perform as a guarantee of specific properties.

Data from supplier and bibliographic sources.