

SAFETY DATA SHEET

INFORMATION FORM FOR CHEMICALS DATA

Date: 12-01-99

Former date: 22-01-98

| | | | |
|---|--|---------------------|---|
| 1.-Identification of the chemical and of the manufacturer, importer or other undertaking. | | | |
| 1.1.-Identificación of the substance on preparation | | | |
| Trade name: | MAXSEAL FLEX (A) | | |
| Code of the preparation | | | |
| 1.2.-Identificación of the manufacturer, importer or other undertaking | | | |
| 1.2.1.-Manufacturer, importer, other undertaking: | DRIZORO, S.A. | | |
| 1.2.2.-Address: | C/Primavera, 50-52 Parque Industrial Las Monjas 28850 Torrejón de Ardoz, Madrid Spain | | |
| 1.2.3.-Name and address of the informant in emergency cases. | | | |
| Emergency telephone number: | | | |
| 1.2.4.-Information on foreign manufacturer. | | | |
| 2.Composition and information on ingredients | | | |
| 2.1.-Description: | Acrylic Polymers in aqueous solution | | |
| 2.2.-Hazardous ingredients: | | | |
| 2.2.1.-CAS number or other code | 2.2.2 Name of the ingredients | 2.2.3.Concentration | 2.2.4.Warning symbol, R phrases and other data on the ingredients |
| No containing hazardous ingredients | | | |
| 2.2.5 Full chemical name of the ingredients (CAS number name) | | | Confidential |
| Polymer acrylic, CAS number 9011-14-7 | | | |
| 2.2.6 Other information | | | |

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| 3. Hazards Identification | |
| Avoid any contact with skin, respiratory system and eye. as it causes irritations, wear suitable clothes (gloves, protective glasses, body-suits,..) | |
| 4. First aid measures | |
| 4.1 Special Instructions | |
| Avoid any prolonged contact with skin, eyes and respiratory system | |
| 4.2 Inhalation | Move the patient to a well ventilated place, if breathing stop or Artificial respiration is difficult to do, avoid any vomit will be ingested, lean the head of patient and see a doctor. |
| 4.3 Skin | Remove the product and rinse, the affected area, immediately with plenty of Water at least for 15 minutes. Take the stained clothes off and if symptoms continue, go to see a doctor. |
| 4.4 Splashes in eyes | Hold eyelids apart and clean the eyes right away at least for 15 minutes and see a doctor. |
| 4.5 Ingestion | Go right away to see a doctor, and show this safety data sheet The decision of inducing or not to vomit, will be based on medical criteria. |
| 4.6 Information of doctor or other trained persons giving first aid | Treatment will be based on medical criteria, depending on patient's reaction. |
| 5. Fire-Fighting measures. | |
| 5.1 Suitable extinguishing media | Water mist, chemist powder, foam, carbon dioxide (CO ₂) |
| 5.2 Extinguishing media which must not be used for safety reasons. | Plenty of water-blast. |
| 5.3 Special exposure hazards in a fire. | No flammable product. Small quantities of oxides of carbon, nitrogen or cyanides can be released from combustion. Neighbours have to be evacuated as well as any person that could be found in the same direction of wind. |
| 5.4. Special protective equipment for a fire | Firemen must wear boots, gloves and body-suits anti-fire, as well as autonomous respiratory equipment. |
| 5.5 Other Instructions | Retain expended liquids from fire fighting for later disposal. |
| 6. Accidental release measures. | |
| 6.1 Personal precautions | Avoid any contact with skin and eyes. Do not breath steams. Wear protective clothes, such as gloves, boots and protection for eyes (glasses with lateral fittings) |
| 6.2 Environmental precautions | Avoid the product come into the ground, sewer systems or any kind of water streams (Even underground). |
| 6.3 Methods for cleaning up | Take with mechanical devices or absorb with suitable products (sand, earth of diatoms, Vermiculite, etc...). |
| | The residue must be picked up, labelled and removed following laws in force. |
| 6.4 Other instructions | |
| 7. Handling and storage | |
| 7.1 Handling | Do not inhale steams, avoid any contact with skin and eyes, Wear suitable Clothes, take into account laws in force. |
| 7.2 Storage | Keep the packages perfectly closed and store in a dry, cool and well ventilated place with a temperature between 10-35°C. Protect packaging of frozen. |

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| 10. Stability and reactivity | |
| 10.1 Conditions to avoid | Hazardous reactions when storing or handling according to Common industrial practices are unknown. Polymer can be decomposed with temperatures over 160°C. Avoid frozen. |
| 10.2 Materials to avoid | Unknown |
| 10.3 Hazardous decomposition products | Thermal decomposition can produce acrylic monomers. |
| 11. Toxicological information | |
| 11.1 Acute Toxicity | |
| 11.2 Irritancy and corrosiveness | In contact with skin, eyes or respiratory system may cause irritations, although with no consequences. |
| 11.3 Sensitisation | Can take place. |
| 11.4 Subacute, subchronic and prolonged toxicity | Unknown |
| 11.5 Empirical data on effects on humans | |
| 11.6 Other Information on health effects | |
| 12. Ecological information | |
| 12.1 Persistence in the environment | |
| 12.1.1 Biodegradation | |
| 12.1.2 Chemical degradation | The product is stable |
| 12.2 Bioaccumulation | This product is not bioaccumulated |
| 12.3 Mobility | This product is stable. |

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| 12.4 Toxic effects on organisms | |
| 12.4.1 Aquatic toxicity | |
| Avoid the product comes into the sewage system or any superficial or underground stream. | |
| 12.4.2 Other toxicity | |
| 12.5. Other information | |
| 13. Disposal considerations | |
| Disposal according to legislation in force, residue has to be properly labelling. Take with mechanical devices or absorb with suitable products. Solution can be coagulated with gradual addition of chloride ferric and dispose the residue according to legislation in force. | |
| 14. Transport information | |
| 14.1 UN number | No classified like hazardous merchandise |
| 14.2 Packaging category | |
| 14.3 Land transport | |
| 14.3.1 Transport class | |
| 14.3.2 Risk code | |
| 14.3.3 Name according to bill of freight | |
| 14.3.4 Other information | |
| 14.4 Sea transport | |
| 14.4.1 IMDG class | |
| 14.4.2 Correct technical name | |
| 14.4.3 Other information | |
| 14.5 Air transport | |
| 14.5.1 IDAO / IATA class | |
| 14.5.2 Correct technical name | |
| 14.5.3 Other information | |

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| 15. Regulatory information | | |
| 15.1 Information on the warning label | | |
| 15.1.1 Letter code of the warning symbol and indications of danger for the preparation. | | |
| Label is not required. | | |
| 15.1.2 Names of the ingredients given on the warning label | | |
| | | |
| 15.1.3 R phrases. | | |
| | | |
| 15.1.4 S phrases | | |
| S36/37/39 (Wear clothes, suitable gloves and protections on eyes and face) | | |
| 15.1.5 Special regulations on certain preparations | | |
| | | |
| 15.2 National regulations | | |
| | | |
| 16. Other information | | |
| 16.1 Purpose of use | | |
| 16.1.1 Expressed in writing | | |
| | | |
| 16.1.2 Code for the purpose of use | | |
| Sic (TOL)-Standard Industrial classification KT - Desired effect of the chemical | SIC 1: SIC 2: SIC 3: SIC 4: | KT 1: KT 2: KT 3: KT 4: |
| 16.2 Directions for use | | |
| | | |
| 16.3 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 try to describe our product from the point of view of safety requirements. It cannot perform as a guarantee of specific properties | | |
| 16.4 Additional information available from | | |
| 16.5 Sources of information used in the compilation of the safety data sheet | | |
| Date | | |
| Signature | | |

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| | | | |
|---|--|---------------------|---|
| 1.-Identification of the chemical and of the manufacturer, importer or other undertaking. | | | |
| 1.1.-Identificación of the substance on preparation | | | |
| Trade name: | MAXSEAL FLEX (B) | | |
| Code of the preparation | | | |
| 1.2.-Identificación of the manufacturer, importer or other undertaking | | | |
| 1.2.1.-Manufacturer, importer, other undertaking: | DRIZORO, S.A. | | |
| 1.2.2.-Address: | C/Primavera, 50-52 Parque Industrial Las Monjas 28850 Torrejón de Ardoz, Madrid Spain | | |
| 1.2.3.-Name and address of the informant in emergency cases. | | | |
| Emergency telephone number: | | | |
| 1.2.4.-Information on foreign manufacturer. | | | |
| 2.Composition and information on ingredients | | | |
| 2.1.-Description: | | | |
| 2.2.-Hazardous ingredients: | | | |
| 2.2.1.-CAS number or other code | 2.2.2 Name of the ingredients | 2.2.3.Concentration | 2.2.4.Warning symbol, R phrases and other data on the ingredients |
| No containing Hazardous Ingredients | | | |
| 2.2.5 Full chemical name of the ingredients (CAS number name) | | | Confidential |
| Portland Cement Compound | | CAS: 65997-15-1 | |
| Other classification: EINECS 266-043-4 | | | |
| 2.2.6 Other information | | | |

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|---|---|
| 3. Hazards Identification | |
| Avoid any contact with skin, respiratory system and eye. as it causes irritations. Do not breath powder. Wear suitable clothes (gloves, protective glasses, body-suits, ...). | |
| 4. First aid measures | |
| 4.1 Special Instructions | |
| 4.2 Inhalation | Move to fresh air. If breathing stop or artificial respiration is difficult to do, avoid any vomit will be ingested, lean the head of patient and see a doctor. |
| 4.3 Skin | Remove the product and rinse the affected area immediately with plenty of water at least for 15 minutes. Take the stained clothes off and if symptoms continue, go to see a doctor. |
| 4.4 Splashes in eyes | Hold eyelids apart and clean the eyes right away at least for 15 minutes and see a doctor. |
| 4.5 Ingestion | Go right away to see a doctor, and show this safety data sheet. The decision of inducing or not vomit, will be based on medical criteria. |
| 4.6 Information of doctor or other trained persons giving first aid | Treatment will be based on medical criteria, depending on patient's reaction. |
| 5. Fire-Fighting measures. | |
| 5.1 Suitable extinguishing media | Water mist, chemist powder, foam, carbon dioxide (CO2) |
| 5.2 Extinguishing media which must not be used for safety reasons. | Plenty of water-blast. |
| 5.3 Special exposure hazards in a fire. | No flammable product. Small quantities of oxides of carbon, nitrogen or cyanides can be released from combustion. Neighbours have to be evacuated as well as any person that could be found in the same direction of wind. |
| 5.4. Special protective equipment for a fire | Firemen must wear boots, gloves and body-suits anti-fire, as well as autonomous respiratory equipment. |
| 5.5 Other Instructions | Retain expended liquids from fire fighting for later disposal. |
| 6. Accidental release measures. | |
| 6.1 Personal precautions | Do not breath powder and avoid any contact with skin and eyes. Wear protective clothes, such as gloves, boots and protection for eyes (glasses with lateral fillings). Use powder mask. Avoid powder spread out. |
| 6.2 Environmental precautions | Do not throw away into sewer system or in-shore waters. |
| 6.3 Methods for cleaning up | Avoid powder spreads. Do not use water. Pick up with mechanical devices. Dispose according with laws in force. |
| 6.4 Other Instructions | |
| 7. Handling and storage | |
| 7.1 Handling | Do not breath powder. Wear powder mask filter and suitable clothes. Take into account laws in force. |
| 7.2 Storage | Keep the packages perfectly closed and store in a dry, cool and well ventilated place. Protect packaging of humidity. |

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| 8. Exposure controls / personal protection | |
| 8.1 Technical measures for exposure controls. | |
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| 8.2 Limit values for workplace | |
| 8.2.1 HTP values | Silica powder..... TLV-TWA: 0.1 mg/m3 breathable powder Portland cement... TLV-TWA: 10 mg/m3 total powder |
| 8.2.2 Other Information on limit values | |
| 8.3. Personal protective equipment | |
| 8.3.1. Special instructions for protection and hygiene | Provide good ventilation in places where storing, handling or applying |
| 8.3.2. Respiratory protection | Powder mask filter |
| 8.3.3 Hand protection | Wear waterproofing gloves. |
| 8.3.4. Eye protection | Wear glasses with lateral protection. |
| 8.3.5. Skin protection | Wear boots and protective waterproofing clothes. |
| 9. Physical and chemical properties. | |
| 9.1 Physical state, colour and odour. | Powder compound. Odourless. |
| 9.2. pH | |
| 9.3 Information on changes in the physical state. | |
| 9.3.1. Boiling point / boiling range | 9.8 Explosive limits a.-Lower |
| 9.3.2 Melting point / melting range | b.- Upper |
| 9.3.3 Decomposition temperature | 9.9. Oxidizing properties |
| 9.4. Flash point N.A. | 9.10 Vapour pressure |
| 9.5. Flammability (solid / gas) | 9.11 Relative density |
| 9.6. Autoflammability | 9.12 Solubility a.-Water solubility In contact with water precipitates. |
| 9.7. Explosion hazard | b.- Fat solubility |
| 9.13 Partition coefficient (for ingredients) in-octano / water | |
| 9.14 Viscosity | |
| 9.15 Other information | |

Trade name: MAXSEAL FLEX (B)

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| | |
|---|---|
| 10. Stability and reactivity | |
| 10.1 Conditions to avoid | Hazardous reactions when storing or handling according to common industrial practices are unknown. Protect against humidity. |
| 10.2 Materials to avoid | No necessary |
| 10.3 Hazardous decomposition products | The product reacts in contact with water resulting stable salts. |
| 11. Toxicological information | |
| 11.1 Acute Toxicity | Avoid breath dust |
| 11.2 Irritancy and corrosiveness | In contact with skin, eyes or respiratory system may cause irritations. |
| 11.3 Sensitization | Low probability |
| 11.4 Subacute, subchronic and prolonged toxicity | N.A. |
| 11.5 Empirical data on effects on humans | |
| 11.6 Other information on health effects | |
| 12. Ecological information | |
| 12.1 Persistence in the environment | |
| 12.1.1 Biodegradation | This product is not biodegradable |
| 12.1.2 Chemical degradation | Acids decomposes this products (HCl, H ₂ SO ₄ ,...) resulting CO ₂ . |
| 12.2 Bioaccumulation | It is not bioaccumulable. |
| 12.3 Mobility | This product is stable. |

Trade name: MAXSEAL FLEX (B)

Date: 12/01/99

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|---|---|
| 12.4 Toxic effects on organisms | |
| 12.4.1 Aquatic toxicity | The product precipitates in contact with water as stable salts. Avoid the product comes into the sewage system or any superficial or underground stream. |
| 12.4.2 Other toxicity | |
| 12.5. Other information | |
| 13. Disposal considerations | |
| Dispose according to laws in force. Pick up with mechanical devices. In contact with water the product precipitates | |
| 14. Transport information | |
| 14.1 UN number | No classified like hazardous merchandise |
| 14.2 Packaging category | |
| 14.3 Land transport | |
| 14.3.1 Transport class | |
| 14.3.2 Risk code | |
| 14.3.3 Name according to bill of freight | |
| 14.3.4 Other information | |
| 14.4 Sea transport | |
| 14.4.1 IMDG class | |
| 14.4.2 Correct technical name | |
| 14.4.3 Other information | |
| 14.5 Air transport | |
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| 15. Regulatory information | | |
| 15.1 Information on the warning label | | |
| 15.1.1 Letter code of the warning symbol and indications of danger for the preparation. Label is not required. | | |
| 15.1.2 Names of the ingredients given on the warning label | | |
| 15.1.3 R phrases. | | |
| 15.1.4 S phrases S 22 – Do not breathe the powder. S 36 / 37 – Wear suitable clothes and protection gloves. S 7 / 8 – Keep packing well closed. Store in a dry place. | | |
| 15.1.5 Special regulations on certain preparations | | |
| 15.2 National regulations | | |
| 16. Other information | | |
| 16.1 Purpose of use | | |
| 16.1.1 Expressed in writing | | |
| 16.1.2 Code for the purpose of use | | |
| Sic (TOL)-Standard industrial classification KT – Desired effect of the chemical | SIC 1: SIC 2: SIC 3: SIC 4: | KT 1: KT 2: KT 3: KT 4: |
| 16.2 Directions for use | | |
| 16.3 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 try to describe our product from the point of view of safety requirements. It cannot perform as a guarantee of specific properties | | |
| 16.4 Additional information available from | | |
| 16.5 Sources of information used in the compilation of the safety data sheet | | |
| Date | | |
| Signature | | |