



SAFETY DATA SHEET
INFORMATION FORM CHEMICALS
DATA

X

R-PG 10/01

Ref.SDS17200

1.-Identification of the chemical and of the manufacturer, importer or other undertaking.

1.1.-Identificación of the substance on preparation

Trade name: **MAXELASTIC PUR**

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: **Polyurethane resin in organic solvent 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
001330-20-7	Xylene	< 15%	Xn, R10-R20/21-R38
26741-62-5	2,4/2,6-Diisocyanate of toluene	< 0.5%	Xn; R26-R36/37/38-40-42/R43-52/53

2.2.5 Full chemical name of the ingredients (CAS number name)

Confidential

2.2.6 Other information

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3. Hazards Identification

Flammable (R10).

Harmful by inhalation as well as in contact with skin (R20/21).

Irritating to skin (R38).

Possibility of sensitisation by inhalation (R42).

4. First aid measures

4.1 Special instructions

People with asthmatic, allergic or chronic or recurrent antecedents, must not work in any kind of process where this product will be used.

4.2 Inhalation

Move the patient to a well-ventilated place. If breathing stop or artificial respiration is difficult to do, then avoid any vomit will be ingested, leaning the head of patient ad seeking for 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 immediately to see a doctor and show him this safety data sheet.

The decision of inducing or not to vomit, will be based on medical criteria.

4.6 Information for doctor or other trained persons giving first aid

Treatment will be based on medical criteria depending on reactions of patient.

5. Fire-Fighting measures.

5.1 Suitable extinguishing media **Water mist, chemist powder, carbon dioxide (CO2), and foam.**

5.2 Extinguishing media which must not be used for safety reasons. **Plentiful of water blasting.**

5.3 Special exposure hazards in a fire.

Toxic products from combustion can be released, as Carbon and Nitrogen oxides as well as other toxic gases.

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 fireproofing body-suits, as well as self contained breathing apparatus.

5.5 Other instructions

Retain expended liquids from fire fighting for later disposal.

6. Accidental release measures.

6.1 Personal precautions

Avoid ignition sources. Do not smoke Try to provide suitable ventilation Do not breath any steams that could be released, and avoid any contact with eyes and skin.

Wear protective clothes, as well as gloves, boots and protection for eyes (glasses with lateral fittings). It is recommended to use a self-contained breathing apparatus and an explosion measuring device.

6.2 Environmental precautions

Avoid the product come into the ground, sewer system or any kind of water stream (even underground).

6.3 Methods for cleaning up

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If recovery is not possible, leakage must be absorbed with suitable products (Sand, vermiculite...)

The residue must be picked up, labelled and removed following laws in force.
Do not close containers (CO2 can appear). Stay in outdoor place for 7 – 14 days.

6.4 Other instructions

7. Handling and storage

7.1 Handling

Avoid any contact with skin and eyes. Do not eat, drink or smoke. Keep the place Well ventilated. Avoid steams will be breathed. Keep the product away from ignition sources. Take measure against static electricity. Steams can become explosive mixings with air. Ever take in mind laws in force.

7.2 Storage

Keep the packages perfectly closed and store in a dry, cool and well ventilated place. Temperatures in the store must be between 5° - 30° C degrees. Packages should be also Protected of damp.

Kind of water pollution WGK= 1- to water slightly harmful

8. Exposure controls / personal protection

8.1 Technical measures for exposure controls.

8.2 Limit values for workplace

8.2.1 HTP values

Xylene (CAS No. 001330-20-7), TLV (1993)= 440 mg/ m3

2,4-Diisocyanate of toluene (Nº CAS 000584-84-9);TLV (1993)= 0.07 mg/m3

2,6-Diisocyanate of toluene (Nº CAS 000091-08-7);TLV (1993)=0.07 mg/m3

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

Use a gas mask or in case of any emergency a self-contained breathing apparatus

8.3.3 Hand protection

Wear waterproofing and protective gloves (neoprene, butyl, nitril rubbers, PVC, etc...).

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. Homogeneous liquid with colour according tipe.

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

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9.3.3 Decomposition temperature 9.4. Flash point 22° C 9.5. Flammability (solid / gas) 9.6. Autoignitability 9.7. Explosion hazard	9.9. Oxidising properties 9.10 Vapour pressure 9.11 Relative density 1,35 g/cm3 (20°C degrees) 9.12 Solubility a.-Water solubility Insoluble b.- Fat solubility
9.13 Partition coefficient (for ingredients) in-octane / water	
9.14 Viscosity 5000 – 20000 mPa. s 9.15 Other information	
10. Stability and reactivity	
10.1 Conditions to avoid <p>There are not known hazardous reactions during storage or handling according to the common industrial methods.</p> <p>Protect from the direct action of sun and ignition sources. Do not smoke. Avoid electric discharge.</p>	
10.2 Materials to avoid <p>Exothermic reactions with amines or alcohols are present. It reacts with water forming CO₂, increasing the pressure if the container is closed.</p>	
10.3 Hazardous decomposition products <p>Thermal decomposition above 260 °C, releasing CO₂.</p>	
11. Toxicological information	
11.1 Acute Toxicity <p>LD50 Oral, Rat > 5000 mg/Kg.</p> <p>Avoid steams will be inhaled.</p> <p>Harmful for inhalation, ingestion or in contact with skin.</p>	
11.2 Irritancy and corrosiveness <p>Can cause irritations on skin, respiratory system and eyes. Possible dermatitis in eye contact.</p>	
11.3 Sensitisation <p>Taking into consideration the properties of isocyanates and having the technical data available or similar compounds, it can be deducted that this product can cause irritation and / or acute sensitisation of respiratory system, giving as result an asthmatic stated, with a difficult breathing and pressure on thorax. Delayed symptoms are possible.</p>	
11.4 Subacute, subchronic and prolonged toxicity	
11.5 Empirical data on effects on humans	
11.6 Other information on health effects	
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12. Ecological information

12.1 Persistence in the environment

12.1.1 Biodegradation

Non-soluble in water. Reacts with water in the interphase releasing CO₂ and forming an insoluble and solid product in the surface with high boiling point (poliurea). This reaction is sped up with surfactants or solvents soluble in water. The poliurea has shown to be inert and non-degradable.

12.1.2 Chemical degradation

12.2 Bioaccumulation

12.3 Mobility

12.4 Toxic effects on organisms

12.4.1 Aquatic toxicity

Avoid the product comes into the sewage system or any superficial or underground scream.

12.4.2 Other toxicity

12.5. Other information

13. Disposal considerations

Dispose according to legislation in force, correctly labelling the residue.

Send the residue to an incinerating plant or an security deposit.

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

Do not dispose into any sewage system, neither in the ground, nor in any kind of water stream.

The packaging should be also eliminated as an hazardous residue, unless the product's residues will be cleaned up.

14. Transport information

14.1 UN number

1866

14.2 Packaging category

III

14.3 Land transport

14.3.1 Transport class

3, F1

14.3.2 Risk code

30

14.3.3 Name according to bill of freight

Resin in solution, flammable, 3, III

14.3.4 Required label

Hazardous label no. 3 (Flammable liquid)

14.3.5 Other information

14.4 Sea transport

14.4.1 IMDG class

3.3 / 1866 / III

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