



Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY UNDERTAKING:

Product Name : MEGASEAL PU2 Part A
H.S. Code : **32141000**
Application : Two Part Highly Flexible Polyurethane Sealant (PG)
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
Address : P.O. Box 29585
Telephone : +971 4 3334140
Fax : +971 4 3334115
Email : info@matex.ae
Website : www.matex-global.com

2. HAZARDS IDENTIFICATION:

Hazards information : None Hazardous
Harmful when inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Composition: Polyol, diluents, chemical additives and inorganic fillers mixture.

Material	% Composition	CAS No.
Branched polyalcohol	30-50	109-17-1
Inorganic Filler	40-60	13463-67-7
Plasticizer	5-10	91082-17-6

4. FIRST AID MEASURES:

Hazards information : Harmful if inhaled



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5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media : Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable Extinguishing Media: Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged : Fire will produce dense black smoke.
Exposure to decomposition products may cause a health hazard.

Special protective equipment : Appropriate-breathing apparatus may be required

Additional information : Cool endangered containers with water in case of Fire. Do not allow the quenching water into the sewage system.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions : Avoid skin and eye contact.

Precautions for the Environmental Protection : Avoid the contamination by waters of cleaning sewers, waters of surfaces and some subterranean waters.

Methods & Material for Containment & Cleaning up : Collect the product by scraping with a spatula or similar instrument. To absorb residues with an inert absorbent material

7. HANDLING AND STORAGE:

Precautions for Safe Handling : Wash after handling. When using do not eat or drink. Keep away from sources of ignition. No smoking. Use tools that do not produce sparks.

Storage : Store in a dry location. Avoid excessive heat or cold. Keep containers closed.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Protective clothing to be	:	Always wear eye protection, protect hands under rubber worn gloves, wear protective footwear.
Respirator	:	Not applicable. (If product is sprayed, use supplied air bond)
Ventilation	:	Adequate, local ventilation must be provided for all enclosed work spaces.
Spill procedures	:	Contain and absorb spilled materials with a non-flammable substance such as sand.
Protective clothing to be	:	Always wear eye protection, protect hands under rubber Worn gloves, wear protective footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	Liquid
Colour	:	Various (see the color chart)
Odour	:	Faint
pH (working dilution)	:	N/A
Boiling Point/Range (°C)	:	N/A
Melting Point/Range (°C)	:	
Flash Point (closed) (°C)	:	> 100 °C
Autoflammability (°C)	:	N/A
Explosive Properties (%)	:	N/A
Specific Gravity (°C)	:	1.5 (25)
Water Solubility	:	N/A

10. STABILITY AND REACTIVITY:

Stability	:	Stable
Incompatibility with other Substances	:	Avoid bases, acids, amines and oxidizers.
Hazardous Decomposition Products	:	CO and phenolics produced under combustion

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11. TOXICOLOGICAL INFORMATION:

Immediate Effects:

Inhalation	:	May result in light irritation of respiratory tracts.
Skin Contact	:	May result in light irritation of skin
Eye Contact	:	May result in light irritation of eyes

Potential Chronic Effects for the Health:

Heritable Genetic

Damage	:	No heritable genetic damage.
Risk of Impaired Fertility	:	No risk of impaired fertility

12. ECOLOGICAL INFORMATION:

Ecotoxicity	:	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Persistence/Degradability	:	No data is available for this material.
Mobility	:	No data is available for this material.
Environmental Protection	:	Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS:

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.		
Product Waste key	:	Disposal Code according to European Waste Catalog (EWC) please specify according to the use of product, e.g.: 080102 Waste from production, formulation, sales and application of paints and varnishes. Old paints and varnishes, not containing halogenated hydrocarbons. Switzerland: Disposal code (VVS): 1620 Waste from paints, varnishes and adhesives with organic phase or solvent

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14. TRANSPORT INFORMATION:

Land transport ADR/RID and
GGVS/GGVE (2001) Classification

Class : -

Maritime transport

IMDG/GGVSea Classification

IMDG-Code : -

Air transport ICAO-TI and

IATA-DGR Classification

Class : -

15. REGULATORY INFORMATION:

Risk Phrase (s) : None allocated

Safety Phrase (s) : None allocated

16. OTHER INFORMATION:

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from MATEX.

If the product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from MATEX.



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NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY UNDERTAKING:

Product Name : MEGASEAL PU2 Part B
H.S. Code : 32089000
Application : Two Part Highly Flexible Polyurethane Sealant
Manufacturer : MATEX CONSTRUCTION CHEMICALS
MANUFACTURING CO. L.L.C.
Address : P.O. Box 29585
Telephone : +971 4 3334140
Fax : +971 4 3334115
Email : info@matex.ae
Website : www.matex-global.com

2. HAZARDS IDENTIFICATION:

Hazards information : None Hazardous
Harmful when inhaled.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Composition: Polyol, diluents, chemical additives and inorganic fillers mixture.

Material	% Composition	CAS No.
4,4' diphenylmethanediisocyanate	90-100	101-68-8 Y

4. FIRST AID MEASURES:

Eyes : Flush with large amounts of clean water, use soap available.
Remove any contaminated clothing

Skin : Check for and remove any contact lenses. Flush with large amounts of clean warm water for 15 minutes
Get prompt medical attention.



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Inhalation	:	Immediately move victim to fresh air. If breathing has stopped then administer artificial respiration. Get prompt medical attention.
Ingestion	:	Guard against aspiration into lungs. If victim is conscious and alert, give to glasses of water. Get prompt medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	:	Alcohol resistant foam, CO ₂ , powders, water spray.
Unsuitable Extinguishing Media	:	Waterjet.
Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged	:	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Special protective equipment	:	Appropriate-breathing apparatus may be required
Additional information	:	Cool endangered containers with water in case of Fire. Do not allow the quenching water into the sewage system.

6. ACCIDENTAL RELEASE MEASURES:

NOHSC 1003 (1995) Exposure Standard	:	Isocyanate 0.02mg/m ³ TWA, 0.07mg/m ³ STEL (as NCO).
Engineering Control Measures ventilation.	:	Use with adequate general and local exhaust
Personal Protective Equipment	:	Impervious gloves, safety goggles, plastic apron.
Ingestion	:	Wash out mouth with water. DO NOT induce vomiting. Obtain medical attention.



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7. HANDLING AND STORAGE:

Handling	:	Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.
Storage	:	Store in cool, dry area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Protective clothing to be	:	Always wear eye protection, protect hands under rubber worn gloves, wear protective footwear.
Respirator	:	Not applicable. (If product is sprayed, use supplied air bond)
Ventilation	:	Adequate, local ventilation must be provided for all enclosed work spaces.
Storage	:	Store in a dry location. Avoid excessive heat or cold. Keep containers closed.
Spill procedures	:	Contain and absorb spilled materials with a non-flammable substance such as sand.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	Liquid
Colour	:	Yellowish
Odour	:	Earthy
pH (working dilution)	:	N/A
Boiling Point/Range (°C)	:	N/A
Melting Point/Range (°C)	:	< 0 °C
Flash Point (closed) (°C)	:	> 200 °C
Autoignition temperature (°C)	:	> 400 °C
Autoflammability (°C)	:	N/A
Explosive Properties (%)	:	N/A
Specific Gravity (°C)	:	1.4 (25)
Vapour pressure (50°C)	:	< 0,0001 hPa
Water Solubility	:	N/A



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10. STABILITY AND REACTIVITY:

Conditions to avoid	:	Stable under recommended storage and handling conditions(See section 7).
Materials to avoid	:	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Exothermic reaction with amines and alcohols. In contact with water (moisture) CO ₂ is formed which leads to an excess pressure in closed containers

11. TOXICOLOGICAL INFORMATION:

Toxicology	:	No toxicology data available for this specific material.
Inhalation	:	May cause irritation to respiratory system. Symptoms may include headache, nausea and dizziness.
Ingestion	:	May cause irritation of the gastrointestinal system. Symptoms may include nausea, vomiting and diarrhea.
Skin	:	May cause irritation to skin. Symptoms may include redness and itchiness. Repeated or prolonged skin contact may lead to dermatitis.
Eye	:	May cause irritation to eyes. Symptoms may include redness, excessive tearing, stinging and swelling.
Chronic Effects	:	Prolonged or repeated exposure may cause liver & kidney damage.

12. ECOLOGICAL INFORMATION:

Environment Protection	:	Do not allow product to enter drains, waterways or sewers.
Mobility	:	No data available for this specific material.
Persistence/Degradability	:	No data available for this specific material.
Bioaccumulation	:	No data available for this specific material.
Ecotoxicity – LC 50 Dose	:	Not determined



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13. DISPOSAL CONSIDERATIONS:

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant.
Uncleaned packaging must be disposed of in the same manner as the medium.

Product Waste key : Disposal Code according to European Waste Catalog (EWC) please specify according to the use of product, e.g.: 080102
Waste from production, formulation, sales and application of paints and varnishes. Old paints and varnishes, not containing halogenated hydrocarbons.
Switzerland: Disposal code (VVS): 1620 Waste from paints, varnishes and adhesives with organic phase or solvent

14. TRANSPORT INFORMATION:

Proper shipping name : Polyisocyanate mixture
UN Number : Not classified as hazardous for transport
Class : -
Subsidiary risk : -
Packing Group : -
Label(s) : -

Additional Information
ADR-HIN : -
IMDG-EMS : - Marine Pollutant: No
IMO : -

15. REGULATORY INFORMATION:

Risk Phrase (s) : None allocated
Safety Phrase (s) : None allocated



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16. OTHER INFORMATION:

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