



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 PU1
HS CODE	:	32089000
Application	:	Single Component Flexible Polyurethane Sealant
Manufacturer	:	MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.
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2. HAZARDS IDENTIFICATION:

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008	:	Void
Hazard pictograms	:	Void
Signal Word	:	Void
Hazard Statements	:	Void

Additional Information

Contains isocyanates. May produce an allergic reaction

Safety data sheet available on request.

Classification system

Non-irritating to rabbit's eye (method : OECD guideline 405)

2.3 Other Hazard

Result of PBT and vPvB assessment

PBT : Not applicable

vPvB : Not applicable

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3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	Composition	CAS No.
Polyvinyl Chloride	22-52 %	9002-86-2
Calcium Carbonate	<30 %	1317-65-3
Titanium Dioxide	<6 %	13463-67-7
Calcium Oxide	<4 %	1305-78-8
Carbon Black	<2%	1333-86-4
Diiron trioxide	<2 %	1309-37-1

4. FIRST AID MEASURES:

General Information : Immediately remove any clothing soiled by the product.

After Inhalation : Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness, place patient stably in side position for transportation.

After skin contact : Immediately wash with water and soap and rinse Thoroughly.

After eye contact : Rinse opened eye for several minutes under running water. Then consult a doctor.

Most important symptoms and effect, both acute and delayed
Drowsiness, headache, dizziness, nausea

Indication of any immediate medical attention and special treatment needed:
No further relevant information available.

5. FIRE FIGHTING MEASURES:

Extinguishing media

Suitable extinguishing agents : Carbon dioxide, foam, Fire-extinguishing powder

For safety reasons unsuitable extinguishing agents
Water with full jet.

Special hazards arising from the substance or mixture
In case of fire, the following can be released: Carbon monoxide (CO), Nitrogen Oxides (NOx)
In case of fire conditions, trace of other toxic gases cannot be excluded, e.g. Hydrogen cyanide (HCN), Isocyanates



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Advice for firefighters

Protective equipment : Wear a self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions : Ensure adequate ventilation. Keep away from ignition sources.

Environmental Precautions : Do not allow product to reach sewage system or any water course

Methods and material for containment and cleaning up : Pick up mechanically. Send for recovery or disposal in suitable receptacles. Do not close them (reaction with water forming carbon dioxide).

Reference to other sections : See section 7 for information on safe handling.
See section 8 for information on personal protection equipment
See section 13 for disposal information.

7. HANDLING AND STORAGE:

Precautions for safe handling : Open and handle receptacle with care.

Information about protection against explosions and fire : Keep ignition sources away – Do not smoke.

Conditions for safe storage, including any incompatibilities**Storage**

Requirement to be met by storerooms and receptacles : Store in cool location.

Information about storage in one common storage facility : Not required.

Further information about storage conditions : Protect from humidity & water.

Specific end use(s) : No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Additional information about design of technical systems : No further data; see item 7.

Exposure controls**Protective equipment**

General protective and hygienic measures: Wash hands before breaks and all at the end of work.



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Breathing equipment	:	Avoid close or long term contact with the skin. Use suitable respiratory protective device in case of insufficient ventilation: Short term filter device: Filter AB.
Protection of hands	:	PVA gloves of superior quality. 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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form	:	Solid
Colour	:	Various colors
Odour	:	Light
Boiling Point/Range (°C)	:	137
Melting Point/Range (°C)	:	undetermined
Flash Point (°C)	:	>40 ISO 1523
Flammability (solid)	:	The product is not subject to classification because its speed of combustion is lower than the limit of the regulation.
Self-ignition temperature (°C)	:	>200
Danger of Explosion	:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion Limits		
Lower	:	0.6 Vol %
Upper	:	8 Vol %
Density (at 20°C)	:	1.16
Solubility in / Miscibility with Water	:	Insoluble
Other Information	:	No further relevant information available.
Volatile organic compounds (VOC)	:	7%
having at 293.15 K a vapour pressure of 1.01 kPa or more (directive 1999/13/EC)		

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10. STABILITY AND REACTIVITY:

Reactivity	:	No further relevant information available.
Chemical Stability	:	
Thermal decomposition/conditions to be avoided	:	No decomposition if used according to specifications.
Possibility of hazardous reactions	:	Reacts with alcohols, amines aqueous acids and alkalis. Reacts with water forming carbon dioxide. Danger of receptacles bursting because of vapour overpressure.
Conditions to avoid	:	No further relevant information available.
Incompatible materials	:	No further relevant information available.
Hazardous decomposition products	:	No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION:

Information on toxicological effects		
Acute Toxicity	:	Based on available data, the classification criteria are not met
Primary irritant effect:		
Skin corrosion/irritation	:	May be slightly irritant
Serious eye damage/irritation	:	May be slightly irritant
Respiratory of skin sensitisation	:	Based on available data, the classification criteria are not met
Additional toxicological information	:	Non-irritating to rabbit's eye (method : OECD guideline 405)
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)		
Germ cell mutagenicity	:	Based on available data, the classification criteria are not met
Carcinogenicity	:	Based on available data, the classification criteria are not met
Reproductive toxicity	:	Based on available data, the classification criteria are not met
STOT-single exposure	:	Based on available data, the classification criteria are not met
STOT-repeated exposure	:	Based on available data, the classification criteria are not met
Aspiration hazard	:	Based on available data, the classification criteria are not met

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12. ECOLOGICAL INFORMATION:

Toxicity

Aquatic Toxicity	:	No further relevant information available.
Persistence and degradability	:	No further relevant information available.
Bioaccumulative potential	:	No further relevant information available.
Mobility in soil	:	No further relevant information available.

Additional ecological information

General Notes

Water hazard class 2 (German Regulation): (Self-Assessment)	Hazardous for water. Do not allow product to reach ground water, water course or sewage system.
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Results for PBT and vPvB assessment

PBT	:	Not applicable
cPvB	:	Not applicable

Other adverse effects	:	No further relevant information available
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13. DISPOSAL CONSIDERATIONS:

Waste water treatment methods

Recommendation	:	Must be disposed of in an incinerator for hazardous waste according to official regulations Note: contains chloride (chemically bound)
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Waste disposal key: 08 04 09*

Uncleaned packaging

Recommendation	:	Disposal must be made according to official regulations.
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14. TRANSPORT INFORMATION:

Not hazardous according to ADN, ADR, IMDG, IATA

15. REGULATORY INFORMATION:

Safety, health and environmental regulations/legislation specific for the substance or mixture



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Labelling according to Regulation (EC) No 1272/2008	:	GHS label elements
Directive 2012/18/EU		
Named dangerous substances – ANNEX 1	:	None of the ingredients listed
National regulations		
French VOC regulation (decree n° 2011-321)	:	Class A+
Chemical safety assessment	:	A Chemical Safety Assessment has not been carried out

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.