



Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

Product Name : CONJECT PUR PART A
HS CODE : 3909500
Application : Polyurethane Injection Resin
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:

Classification

Classification under 2012 OSHA Hazard Communication Standard (29 CFR 1910: 1200)

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910: 1200)

Label Elements : none required

Hazards not otherwise classified (HNOC) : None identified

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
Blend of polyols	100	proprietary

4. FIRST AID MEASURES:

Eyes : Rinse immediately with plenty of water, also under
The eyelids, for at least 15 minutes. Get medical
attention.



Material Safety Data Sheet

Skin	:	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	:	Remove to fresh air. Get medical attention immediately if symptoms occur Respiration. Get prompt medical attention.
Ingestion	:	Clean mouth with water and drink plenty of water afterwards. Get medical attention if symptoms occur
Note to Physician	:	Treat symptomatically

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	:	Foam, water spray, dry extinguishing media, carbon Dioxide
Unsuitable Extinguishing Media	:	No information available
Specific Hazards Arising from the Chemical	:	Keep product and empty container away from heat and sources of ignition
Hazardous Combustion product	:	Carbon monoxide, Carbon Dioxide
Protective Equipment and precaution For Firefighters	:	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent and Full protective gear

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions	:	Ensure adequate ventilation. Use personal protective equipment as required
Environmental Precautions	:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures	:	Sweep up and shovel into suitable containers for disposal

7. HANDLING AND STORAGE:

Handling	:	Wear personal protective equipment/face protection Ensure adequate ventilation. Avoid contact with skin, Eyes or clothing. Avoid ingestion and inhalation
-----------------	---	--



Material Safety Data Sheet

Storage	:	Keep in a dry, cool and well-ventilated place. Keep Container tightly closed.
Incompatible material	:	Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Exposure Guidelines	:	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
Engineering Controls	:	None under normal use conditions
Personal Protective Equipment		
Eye/Face Protection	:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN 166
Skin and bod protection	:	Wear appropriate protective gloves and clothing to prevent skin exposure
Respiratory protection	:	No protective equipment is needed under normal use Conditions
Hygiene measures	:	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	liquid
Boiling Point/Range (°C)	:	Not applicable
Melting Point/Range (°C)	:	Not applicable
Flash Point (closed) (°C)	:	None
Autoflammability (°C)	:	Not determined
Explosive Properties (%)	:	Not known
Specific Gravity (at 20°C)	:	0.94

Material Safety Data Sheet

10. STABILITY AND REACTIVITY:

Reactive Hazard	:	None known, based on information available
Stability	:	Stable under normal conditions
Conditions to Avoid	:	Excess heat, incompatible products
Incompatible products	:	Strong oxidizing agents
Hazardous Decomposition Products	:	Carbon monoxide, Carbon Dioxide
Hazardous polymerization	:	Hazardous polymerization does not occur
Hazardous Reactions	:	None under normal processing

11. TOXICOLOGICAL INFORMATION:

Acute Toxicity		
Product Information	:	no acute toxicity information is available for this product
Component Information		
Toxicologically Synergistic Products	:	no information available

Delayed and immediate effects as well as chronic effects from short and long term exposure

Irritation	:	no information available
Sensitization	:	no information available
Carcinogenicity	:	no information available
Mutagenic Effects	:	no information available

The toxicological properties have not been fully investigated

12. ECOLOGICAL INFORMATION:

Ecotoxicity		
Persistence and Degradability	:	no information available
Bioaccumulation/accumulation	:	no information available
Mobility	:	no information available



Material Safety Data Sheet

13. DISPOSAL CONSIDERATIONS:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION:

Domestic Transport	:	not regulated
Sea Transport IMDG	:	not regulated
Air Transport IATA / CAO	:	not regulated

15. REGULATORY INFORMATION:

Legend:

TSCA USEPA (TSCA) – Toxic substance control act (40 CFR Part 710) : not listed

TSCA 12(b) : notices of export : not applicable

US Federal Regulations:

SARA 313 : not applicable

CWA (Clean Water Act) : not applicable

Clean Air Act : not applicable

OSHA (occupational safety and

Health administration : not applicable

California proposition 65 : this product does not contain any proposition 65 chemicals

US State Right-to-know

Regulations : not applicable

Authorization/Restrictions according to EU REACH



Material Safety Data Sheet

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.



Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

Product Name	:	CONJECT PUR PART B
HS CODE	:	3909500
Application	:	Polyurethane Injection Resin
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:

Hazard Symbol(s)	:	Xn, harmful
R-phrases(s)	:	R42/43: may cause sensitization by inhalation and skin contact R20: harmful by inhalation R36/37/38: irritating to eyes, respiratory system and skin
S-phrases(s)	:	S2: keep out of reach of children S26: in case of eye contact, rinse immediately with plenty of water and seek medical advice S35: this material and its container must be disposed of in a safe way S36/37: wear suitable protective clothing and gloves S45: in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) S46: if swallowed, seek medical advice immediately and show the container label S51: Use only in well ventilated areas S63: in case of accident by inhalation; remove casualty to Fresh air and keep at rest



Material Safety Data Sheet

3. COMPOSITION / INFORMATION ON INGREDIENTS:

Ingredients	% Composition	CAS No.
MDI Polyisocyanate Isomers	>90	9016-87-9

4. FIRST AID MEASURES:

General Advice	:	First aid personnel should pay attention to their own safety. Remove contaminated clothing.
Eyes	:	Check for and remove contact lens if any. Flush with large amount of warm clean water for 15 minutes. Get prompt medical attention.
Skin	:	Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.
Inhalation	:	Remove to fresh air. If breathing has stopped, then administer artificial respiration. Get medical attention immediately if symptoms occur
Ingestion	:	Guard against aspiration into lungs. If victim is conscious and alert, give glasses of water. Get prompt medical attention.
Note to Physician	:	Treat according to symptoms (decontamination, vital Functions), no known specific antidotes

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media	:	Foam, water spray, dry extinguishing media, carbon Dioxide
Unsuitable Extinguishing Media	:	Water jet
Specific Hazards Arising from the Chemical	:	Keep product and empty container away from heat and sources of ignition
Hazardous Combustion product	:	Carbon monoxide, Carbon Dioxide, harmful vapours, Nitrogen oxides, fumes/smoke, carbon black
Protective Equipment and precaution For Firefighters	:	Wear self-contained breathing apparatus pressure-



Material Safety Data Sheet

Additional information	:	demand, MSHA/NIOSH (approved or equivalent and Full protective gear 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	:	Use personal protective clothing. Do not breathe Vapour/aerosol/spray mists. Sources of ignition should be kept well clear. Handle in accordance with good building materials hygiene and safety practice.
Environmental Precautions	:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures	:	For small amounts: pick up the inert absorbent material like sand, earth, etc. Dispose off contaminated materials as prescribed For large amount: pump off products

7. HANDLING AND STORAGE:

Handling	:	Avoid aerosol formation. Avoid inhalation of mists/ vapours. Avoid skin contact. No special measures necessary provided product is used correctly
Storage	:	Keep only in original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Store protected against freezing and against direct sunlight. Protect from temperatures below 5°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

NOHSC 1003 (1995)	:	Isocyanate 0.02 mg/m ³ TWA, 0.07 mg/m ³ STEL (as NCO)
Engineering Control Measures	:	Use with adequate general and local exhaust ventilation
Personal Protective Equipment	:	Impervious gloves, safety goggles, plastic apron

Material Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State	:	liquid
Boiling Point/Range (°C)	:	Not applicable
Melting Point/Range (°C)	:	Not applicable
Flash Point (closed) (°C)	:	None
Autoflammability (°C)	:	Not determined
Explosive Properties (%)	:	Not known
Specific Gravity (at 20°C)	:	1.15

10. STABILITY AND REACTIVITY:

Stability	:	Stable under recommended storage and handling conditions
Materials to avoid	:	Keep away from oxidizing agents, strongly alkaline and strong acid materials in order to avoid exothermic reactions. Exothermic reactions with amines and alcohols. In contact with water (moisture) CO ₂ is formed which leads to an excess pressure in closed containers
Hazardous Decomposition Products	:	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen

11. TOXICOLOGICAL INFORMATION:

Experience on practice	:	Based on the properties of the isocyanate components and considering toxicological data on similar preparations, this preparation may cause acute irritation and / or sensitization of the respiratory system leading to an asthmatic condition, wheeziness and tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL (Occupational Exposure Limit). Repeated exposure may lead to permanent respiratory disability. Delayed reactions possible (breathing problems, coughs, asthma)
------------------------	---	--

Material Safety Data Sheet

Additional Toxicological Information

: The product was classified in toxicological terms on the basis Of the results of the calculation procedure outlined within General Directive on Preparations (88/379/EEC)

12. ECOLOGICAL INFORMATION:

Ecotoxicity:

Assessment of Aquatic Toxicity

: There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Information on Methylenediphenyl Diisocyanate:

Assessment of Aquatic Toxicity

: There is a high probability that the product is not acutely harmful to aquatic organisms. No toxic effects occur within the range of solubility. The inhibition of degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

Toxicity to Fish

: LC0 (96h) > 1,000 mg/l, Brachydanio rerio (OECD 203; ISO 7346; 84/449/EEC, C.1, static) Nominal concentration.

Aquatic Invertebrates

: EC0 (24h) > 1,000 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic Plants

: No observed effect concentration (72h) > 1,640 mg/l, scenedesmus subspicatus (OECD Guideline 201)

Microorganisms / Effect On Activated Sludge

: EC50 > 100 mg/l, activated sludge (OECD Guideline 209, aquatic)

Material Safety Data Sheet

13. DISPOSAL CONSIDERATIONS:

Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance / product.

Contaminated Packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. TRANSPORT INFORMATION:

Domestic Transport : Not classified as a dangerous good under transport regulations.

Sea Transport IMDG : Not classified as dangerous good under transport regulations.

Air Transport IATA / CAO : Not classified as dangerous good under transport regulations.

15. REGULATORY INFORMATION:

EEC Directives:

Hazard Symbol(s) : Xn, harmful

R-phrases(s) : R42/43, May cause sensitization by inhalation and skin contact

S-phrases(s) : R20, Harmful by inhalation

S-phrases(s) : R36/37/38, Irritating to eyes, respiratory system and skin

S-phrases(s) : S2, Keep out of reach of children

S-phrases(s) : S26, In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S-phrases(s) : S35, This material and its container must be disposed of in a safe way.

S-phrases(s) : S36/37, Wear suitable protective clothing and gloves

S-phrases(s) : S45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S-phrases(s) : S46, If swallowed, seek medical advice immediately and show this container or label.

S-phrases(s) : S51, Use only in well-ventilated areas



Material Safety Data Sheet

- : S63, In case of accident by inhalation: remove casualty to fresh air and keep at rest.
- : S64, If swallowed, rise mouth with water (only if the person is conscious).

Contains isocyanates. Observe manufacturer's instructions.

Hazard Determining Components

For Labeling : Diphenylmethane – 4, 4' – Diisocyanate (MDI),
Methylenediphenyldiisocyanate, Poly-functional isocyanate

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.