

## FIX PU 2K- PARTIE A

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 - Product identifier

Trade name/designation FIX PU 2K

Chemical name

Product-type Mixture

#### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses - Industrial and professional applications.

#### 1.3 - Details of the supplier of the safety data sheet

IPC - 10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44 - Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

#### 1.4 - Emergency telephone number

- National Poisons Information Service of England: <http://npis.org>

-NHS 111: dial 111 United Kingdom

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Skin Sens. 1	Skin sensitization - Category 1
STOT SE 3	STOT-single exposure - Category 3 (H335)

#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: Hexamethylene diisocyanate, oligomers (CAS No.: 28182-81-2)

Signal word : Warning

Hazard pictograms



Hazard statements

H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Precautionary statements

P261	Avoid breathing mist/vapours/spray.
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## FIX PU 2K- PARTIE A

P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/a doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national/international regulation.

### EUH-phrases

EUH204	Contains isocyanates. May produce an allergic reaction
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### Labelling (<= 125ml)

Signal word : Warning

Hazard pictograms



### Hazard statements

H317	May cause an allergic skin reaction.
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### Precautionary statements

P261	Avoid breathing mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national/international regulation.

### EUH-phrases

EUH204	Contains isocyanates. May produce an allergic reaction
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### 2.3 - Other hazards

Other hazards which do not result in classification - People suffering from excessive respiratory sensitivity (asthma, chronic bronchitis, etc.) are not permitted to use the product due to safety regulations. Vapours and aerosols are the main hazards to the respiratory tract. Respiratory symptoms may still appear several hours after overexposure. This product must not be used in conditions of poor ventilation, unless a protective mask with an appropriate anti-gas filter is used. Particular risk of slipping in the event of leakage or spillage of the product.

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

## FIX PU 2K- PARTIE A

### 3.2 - Mixtures

Chemical name	No.	%	Class(es)	Specific concentration limit
Hexamethylene diisocyanate, oligomers	CAS No. : 28182-81-2 Index No. : EC No. : 500-060-2	< 80	Acute Tox. 4 Inhalation - H332 Skin Sens. 1 - H317 STOT SE 3 - H335	Not applicable

- Contains talc. Maximum workplace exposure limits are, where applicable, listed in section 8.

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

<u>Following inhalation</u>	- Remove the patient from the contaminated area and bring them into fresh air. If symptoms persist, consult a doctor.
<u>Following skin contact</u>	- After contact with skin, wash immediately with plenty of water and soap. - Change contaminated, saturated clothing. - In case of skin reactions, consult a physician.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - Remove contact lenses if worn and if they can be easily removed. - Continue rinsing. If eye irritation occurs, consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting. - Never give anything by mouth to an unconscious person. - Seek medical advice immediately.

### 4.2 - Most important symptoms and effects, both acute and delayed

<u>Symptoms and effects - Following inhalation</u>	- Harmful if inhaled.  - May cause respiratory tract irritation. - The delayed appearance of discomfort and the development of hypersensitivity are possible even at low concentrations of isocyanates.
<u>Symptoms and effects - Following skin contact</u>	- The following symptoms may occur:  - Allergic reactions
<u>Symptoms and effects - After eye contact</u>	- No information available.
<u>Symptoms and effects - After ingestion</u>	- No information available.

### 4.3 - Indication of any immediate medical attention and special treatment needed

- The product causes irritation of the respiratory tract and may possibly increase the sensitivity of the skin and respiratory tract. Treatment of acute irritation or narrowing of the bronchi is mainly symptomatic. Depending on the extent of exposure and the resulting pain, long-term medical care may be required. Symptoms of intoxication do not appear for several hours, so medical supervision is essential for at least 48 hours.

## SECTION 5: Firefighting measures

### 5.1 - Extinguishing media

## FIX PU 2K- PARTIE A

Suitable extinguishing media - ABC-powder  
- Water mist  
- Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media - Strong water jet

### 5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - Dense black smoke is produced during a fire. In the event of a fire, toxic gases/vapours may be released, including isocyanate vapours, traces of hydrogen cyanide, nitrous fumes, carbon monoxide and carbon dioxide. Vapours form potentially explosive mixtures with air, and are heavier than air.

Hazardous decomposition products - No data available.

### 5.3 - Advice for firefighters

- In case of fire: Wear self-contained breathing apparatus.
- Wear a self-contained breathing apparatus and chemical protective clothing.
- Cool exposed containers with water spray, but avoid contact of the substance with water. Formation of carbon dioxide: Risk of container bursting.
- Do not allow run-off from fire-fighting to enter drains or water courses.

## SECTION 6: Accidental release measures

### 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Wear breathing apparatus if exposed to vapours/dusts/aerosols.  
- Wear protective gloves.  
- Provide adequate ventilation.  
- Remove contaminated clothing and wash before re-use.

For emergency responders - Remove persons to safety.  
- Use appropriate respiratory protection.

### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

### 6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

Methods and material for cleaning up - Do not use a brush or compressed air for cleaning surfaces or clothing.  
- Clean contaminated objects and areas thoroughly observing environmental regulations.  
- Take up dust-free and set down dust-free.  
- Use approved industrial vacuum cleaner for removal.  
- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).

Inappropriate techniques - No information available.

### 6.4 - Reference to other sections

## FIX PU 2K- PARTIE A

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

### SECTION 7: Handling and storage

#### 7.1 - Precautions for safe handling

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|-----------------------|---|
| <u>Recommendation</u> | <ul style="list-style-type: none"><li>- Provide adequate ventilation as well as local exhaust at critical locations.</li><li>- Vapours/aerosols should be exhausted directly at the point of origin.</li><li>- Use is only in closed systems permitted.</li><li>- Put lids on containers immediately after use.</li></ul> |
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|--|--|
| <u>Advices on general occupational hygiene</u> | <ul style="list-style-type: none"><li>- Wash contaminated clothing prior to re-use.</li><li>- Used working clothes should not be worn outside the working area.</li><li>- Remove contaminated, saturated clothing.</li><li>- Wash hands before breaks and after work.</li><li>- Work in well-ventilated zones or use proper respiratory protection.</li><li>- Avoid contact with skin, eyes and clothes.</li></ul> |
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#### 7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.
- Keep out of direct sunlight and away from all sources of heat.
- Keep container tightly closed and in a well-ventilated place.
- Keep containers upright.

#### 7.3 - Specific end use(s)

- Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

- No data available.

#### 8.2 - Exposure controls

- |   |  |
|---|--|
| <u>Appropriate engineering controls</u> | <ul style="list-style-type: none"><li>- Air must only be returned to the working area after sufficient cleaning.</li><li>- See section 7 of the safety data sheet.</li></ul> |
|---|--|

- |  |   |
|--|---|
| <u>Individual protection measures, such as personal protective equipment</u> | <ul style="list-style-type: none"><li>- Filtering device (full mask or mouthpiece) with filter:<ul style="list-style-type: none"><li>- The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.</li></ul></li></ul> |
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## FIX PU 2K- PARTIE A

- Suitable respiratory protection apparatus: Particle filter device (DIN EN 143)

- Spectacles with side protection.

- Wear protective gloves.

- Suitable protective clothing: lab coat



Environmental exposure controls - No data available.

## SECTION 9: Physical and chemical properties

### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	Black	<u>Odour</u>	odourless
Odour threshold		No data available	
pH		7	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		230 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		1,2 g/m <sup>3</sup>	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		450 °C	
Decomposition temperature		250 °C	

## FIX PU 2K- PARTIE A

Kinematic viscosity	No data available
Dynamic viscosity	3 Pa.s

### Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

- No data available.

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- Violent reaction with amines and alcohols.
- Contact with water releases carbon dioxide.
- Heating causes an increase in pressure with a risk of bursting.

### 10.4 - Conditions to avoid

- Keep away from sources of ignition - No smoking. Keep away from sources of heat, sparks and naked flames. Protect from direct sunlight.

### 10.5 - Incompatible materials

- Water, acids, alkalis, amines, alcohols.

### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Acute toxicity (inhalative) - Category 4 - Harmful if inhaled.

Toxicity : Mixture

## FIX PU 2K- PARTIE A

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Harmful if inhaled.

### Toxicity : Substances

Hexamethylene diisocyanate, oligomers (28182-81-2)	
LD50 oral (rat)	2500 mg/kg
LD50 dermal (rabbit)	2000 mg/kg

Skin corrosion/irritation - Not classified

- No data available.

Serious eye damage/eye irritation - Not classified

- No data available.

Respiratory or skin sensitisation - Skin sensitization - Category 1 - May cause an allergic skin reaction.

- May cause an allergic skin reaction.

Germ cell mutagenicity - Not classified

- No data available.

Carcinogenicity - Not classified

- No data available.

Reproductive toxicity - Not classified

- No data available.

STOT-single exposure - STOT-single exposure - Category 3 (H335) - May cause respiratory irritation.

- No data available.

STOT-repeated exposure - Not classified

- No data available.

Aspiration hazard - Not classified

- No information available.

### 11.2 - Information on other hazards

- No information available.

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture



## FIX PU 2K- PARTIE A

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- No data available.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No data available.

### 12.4 - Mobility in soil

- No data available.

### 12.5 - Results of PBT and vPvB assessment

### 12.6 - Endocrine disrupting properties

- No information available.

### 12.7 - Other adverse effects

- Forms carbon dioxide and transforms into a hard, insoluble by-product (polyurea) on contact with water. According to current knowledge, polyurea is inert and does not decompose.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

Waste treatment methods - No information available.

Sewage disposal - No information available.

Special precautions for waste treatment - Waste for disposal is to be classified and labelled.

- The waste is to be kept separate from other types of waste until its disposal.
- Waste requires special monitoring.

Community or national or regional provisions - Dispose of waste according to applicable legislation.

## FIX PU 2K- PARTIE A

Waste codes / waste designations according to Regulation 2014/955/UE 08 05 01\* - waste isocyanates

### SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

Not applicable

14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

### SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

15.2 - Chemical Safety Assessment

### SECTION 16: Other information

#### SDS versions

Version	Issue date	Author	Description of the amendments
1	02/10/2023		

#### Texts of the regulatory sentences

Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
Skin Sens. 1	Skin sensitization - Category 1

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## FIX PU 2K- PARTIE A

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STOT SE 3	STOT-single exposure - Category 3 (H335)
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Les informations susmentionnées, bien que correctes, ne sont pas toutes inclusives et seront utilisées comme guide seulement. Les informations contenues dans cette fiche de données de sécurité a été obtenue à partir d'une variété de sources et est considérée comme exacte et à jour à la date d'émission indiquée. Le fournisseur et /ou ses agents ne peuvent accepter aucune responsabilité quant à l'utilisation des informations contenues dans cette fiche de données ou pour l'utilisation, l'application ou le traitement du produit décrit dans cette fiche technique. Les utilisateurs doivent noter la possibilité de dangers survenant en raison de l'utilisation inappropriée du produit.

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## FIX PU 2K- PARTIE B

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 - Product identifier

Trade name/designation FIX PU 2K

Chemical name

Product-type Mixture

#### 1.2 - Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses - Industrial and professional applications.

#### 1.3 - Details of the supplier of the safety data sheet

IPC - 10 Quai Malbert

29200 BREST France

Tél : +33(0)2.98.43.45.44 - Fax : +33 (0)2.98.44.22.53

ipc@groupe-ipc.com

#### 1.4 - Emergency telephone number

- National Poisons Information Service of England: <http://npis.org>

-NHS 111: dial 111 United Kingdom

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Eye Irrit. 2	Eye irritation - Category 2
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#### 2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word : Warning

Hazard pictograms



Hazard statements

H319	Causes serious eye irritation.
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Precautionary statements

P264	Wash face/hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
EUH-phrases	: None

## FIX PU 2K- PARTIE B

### Labelling (<= 125ml)

Signal word : Warning

Hazard pictograms



Hazard statements

Precautionary statements

EUH-phrases : None

### 2.3 - Other hazards

## SECTION 3: Composition / information on ingredients

### 3.1 - Substances

Not applicable

### 3.2 - Mixtures

Chemical name	No.	%	Class(es)	Specific concentration limit
1,1',1'',1'''-ethylenedinitrilotetr apropan-2-ol	CAS No. : 102-60-3 Index No. : EC No. : 203-041-4	< 25	Eye Irrit. 2 - H319	Not applicable
2-butyl-2-ethylpropanediol	CAS No. : 115-84-4 Index No. : EC No. : 204-111-7	< 8	Eye Irrit. 2 - H319	Not applicable
2,2,4-trimethylpentane-1,3-diol	CAS No. : 144-19-4 Index No. : EC No. : 205-619-1	< 8	Eye Irrit. 2 - H319	Not applicable
Aspartic acid, N,N'-(methylenedi-4,1-cyclohe xanediyl)bis-, 1,1',4,4'-tetraethyl ester	CAS No. : 136210-30-5 Index No. : EC No. : 603-946-8	< 2	Aquatic Chronic 3 - H412 Skin Sens. 1 - H317	Not applicable

## SECTION 4: First aid measures

### 4.1 - Description of first aid measures

#### Following inhalation

- If breathing is difficult, remove the victim to fresh air and keep them at rest in a position comfortable for breathing.
- Consult a doctor if problems persist.

#### Following skin contact

- After contact with skin, wash immediately with plenty of water and soap.
- In case of skin reactions, consult a physician.

#### After eye contact

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Remove contact lenses if worn and if they can be easily removed.
- Continue rinsing. If eye irritation occurs, consult an ophthalmologist.

#### After ingestion

- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

### 4.2 - Most important symptoms and effects, both acute and delayed

## FIX PU 2K- PARTIE B

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No data available.

Symptoms and effects - After eye contact - Causes serious eye irritation.

Symptoms and effects - After ingestion - No information available.

### 4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1 - Extinguishing media

Suitable extinguishing media - ABC-powder  
- Water mist  
- Carbon dioxide (CO2)

Unsuitable extinguishing media - Strong water jet

### 5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - May form dangerous gases and vapours in the event of fire. In addition, carbon monoxide and carbon dioxide may be formed.

Hazardous decomposition products - No data available.

### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.  
- Do not allow water to enter the containers, as a violent reaction may occur.

## SECTION 6: Accidental release measures

### 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Goggles.  
- Wear protective gloves.  
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

For emergency responders - Remove persons to safety.  
- Use personal protection equipment.

### 6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.

### 6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

## FIX PU 2K- PARTIE B

<u>Methods and material for cleaning up</u>	- Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents). - Ventilate affected area.
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<u>Inappropriate techniques</u>	- No information available.
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### 6.4 - Reference to other sections

- Disposal: See section 13
- Personal protection equipment: see section 8
- Safe handling: See section 7

## SECTION 7: Handling and storage

### 7.1 - Precautions for safe handling

<u>Recommendation</u>	- Provide adequate ventilation as well as local exhaustion at critical locations. - Avoid:Skin contact - Avoid:Eye contact - When using do not smoke.
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<u>Advices on general occupational hygiene</u>	- Wash hands before breaks and after work.  - Avoid contact with skin, eyes and clothes. - Wash contaminated clothing prior to re-use. - Do not eat, drink or smoke when using this product.
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### 7.2 - Conditions for safe storage, including any incompatibilities

- Keep/store only in original container.
- Protect against:Heat
- Store in a dry place.
- Do not store together with:Food and feedingstuffs

### 7.3 - Specific end use(s)

- Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 - Control parameters

- No data available.

### 8.2 - Exposure controls

<u>Appropriate engineering controls</u>	- No information available.
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<u>Individual protection measures, such as personal protective equipment</u>	- Spectacles with side protection.
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## FIX PU 2K- PARTIE B

- Wear protective gloves.

- Suitable protective clothing: lab coat

- In the event of inadequate ventilation, wear respiratory protection. The filter class must be adapted to the maximum concentration of contaminants (gas/vapour/aerosol/particles) that may occur when handling the product.  
- If the concentration is exceeded, self-contained breathing apparatus must be used.



Environmental exposure controls

- No data available.

## SECTION 9: Physical and chemical properties

### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u> <u>Colour</u>	Liquid Black	<u>Appearance</u> <u>Odour</u>	Liquid odourless
Odour threshold		No data available	
pH		9	
Melting point		No data available	
Freezing point		No data available	
Boiling point		230 °C	
Flash point		190 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	



## FIX PU 2K- PARTIE B

### Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available
Refractive index	No data available
Solids content	No data available
Surface tension	No data available
Saturation concentration	No data available

- No data available.

## SECTION 10: Stability and reactivity

### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

### 10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.  
- Keep away from sources of ignition - No smoking. Keep away from sources of heat, sparks and naked flames.  
Protect from direct sunlight.

### 10.5 - Incompatible materials

- No data available.

### 10.6 - Hazardous decomposition products

- No data available.

## SECTION 11: Toxicological information

### 11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available

## FIX PU 2K- PARTIE B

	LC50 inhalation (rat)	No data available
	LC50 inhalation dusts and mists (rat)	No data available
	LC50 inhalation vapours (rat)	No data available
	- No data available.	
<u>Skin corrosion/irritation</u>	- Not classified	
	- No data available.	
<u>Serious eye damage/eye irritation</u>	- Eye irritation - Category 2 - Causes serious eye irritation.	
	- Causes serious eye irritation.	
<u>Respiratory or skin sensitisation</u>	- Not classified	
	- No data available.	
<u>Germ cell mutagenicity</u>	- Not classified	
	- No data available.	
<u>Carcinogenicity</u>	- Not classified	
	- No data available.	
<u>Reproductive toxicity</u>	- Not classified	
	- No data available.	
<u>STOT-single exposure</u>	- Not classified	
	- No data available.	
<u>STOT-repeated exposure</u>	- Not classified	
	- No data available.	
<u>Aspiration hazard</u>	- Not classified	
	- No information available.	

### 11.2 - Information on other hazards

- No information available.

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

## FIX PU 2K- PARTIE B

- No data available.

### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No data available.

### 12.4 - Mobility in soil

- No data available.

### 12.5 - Results of PBT and vPvB assessment

### 12.6 - Endocrine disrupting properties

- No information available.

### 12.7 - Other adverse effects

- Avoid infiltration into the ground, waterways and drains.

## SECTION 13: Disposal considerations

### 13.1 - Waste treatment methods

Waste treatment methods - No information available.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - Dispose of waste according to applicable legislation.

Waste codes / waste designations according to Regulation 2014/955/UE 08 04 09\* - waste adhesives and sealants containing organic solvents or other hazardous substances

## SECTION 14: Transport information

### 14.1 - UN number or ID number

Not applicable

### 14.2 - UN proper shipping name

Not applicable

### 14.3 - Transport hazard class(es)

Not applicable

## FIX PU 2K- PARTIE B

### 14.4 - Packing group

Not applicable

### 14.5 - Environmental hazards

Not applicable

### 14.6 - Special precautions for user

Not applicable

### 14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

Substances REACH                      None  
candidates

Substances Annex XIV              None

Substances Annex XVII            None

VOC content                          No data available

### 15.2 - Chemical Safety Assessment

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1	02/10/2023		

### Texts of the regulatory sentences

Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
Eye Irrit. 2	Eye irritation - Category 2
H319	Causes serious eye irritation.
Skin Sens. 1	Skin sensitization - Category 1

Les informations susmentionnées, bien que correctes, ne sont pas toutes inclusives et seront utilisées comme guide seulement. Les informations contenues dans cette fiche de données de sécurité a été obtenue à partir d'une variété de sources et est considérée comme exacte et à jour à la date d'émission indiquée. Le fournisseur et /ou ses agents ne peuvent accepter aucune responsabilité quant à l'utilisation des informations contenues dans cette fiche de données ou pour l'utilisation, l'application ou le traitement du produit décrit dans cette fiche technique. Les utilisateurs doivent noter la possibilité de dangers survenant en raison de l'utilisation inappropriée du produit.

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