

**IZONET 003
A COMPONENT**

According to Regulation (EU) No 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier****Product name** IZONET 003**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Solvent Free Epoxy Primer**1.3. Details of the supplier of the safety data sheet****Supplier**

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1.4. Emergency telephone number

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2. SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Mixture.

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

Physical and chemical hazards Not classified.

Human health Skin Irrit. 2- H315; Skin Sensitive. 1-H317; Eye Irrit. 2- H319

Environment Aquatic Chronic 2- H411

2.2. Label elements**Hazard pictograms****Signal word** : Warning**Hazard statements**

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 If on skin: Wash with plenty of water.
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.
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.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.

Ingredients

: Bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight _ 700), Glycidyl ether C12-C14 alcohols

2.3. Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**



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Mixture.

3.2. Mixtures

Identification	EC No.	Cas No.	Conc. (a/a, %)	Classification (1272/2008 CLP)
Reaction product: Bisphenol-A-(epichlorohydrin) epoxy resin (number average molecular weight < 700)	500-033-5	25068-38-6	70 - 90	Skin Irrit. 2; H315 Skin Sensitive.1; H317 Eye Irrit. 2; H319 Aquatic Chronic 2; H411
Glycidyl ether C12-C14 alcohols	271-846-8	68609-97-2	10 - 30	Skin Irrit. 2; H315 Skin Sensitive.1; H317

4. SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact : Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.

Inhalation : In case of exposure to high concentrations of dust: move the affected person away from the contaminated area and into the fresh air.

Skin contact : Watch out for any remaining product between skin and clothing, watches, shoes, etc.. Wash with soap

Ingestion : Do not induce vomiting; call for medical help immediately. If symptoms persist consult doctor.

4.2. Most important symptoms and effects, both acute and delayed

No specific data.

4.3. Indication of any immediate medical attention and special treatment needed

No specific data. Follow doctor's orders.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO₂, powder or water spray. Fight larger fires with water spray.

Unsuitable extinguishing media : Water with full jet.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.

5.3. Advice for firefighters

Wear self-contained respiratory protective device.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. More information about personal precautions available in section 8.

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Clean the affected area carefully; suitable cleaners are: Warm water, dispose of the material collected according to regulations.

6.4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

7. SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Always wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep the container tightly closed in a well ventilated place. Keep the container away from dampness. Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

Information not available.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No exposure limit value known.

**IZONET 003
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: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection

: Safety glasses.

Hand protection

: Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Skin and body

: Working clothes.

Respiratory protection

: Not necessary if room is well-ventilated.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	:	Liquid
Colour	:	Transparent
Odour	:	Slight
Odour threshold	:	Not available
Solubility	:	Not applicable
Boiling point	:	Not available
Melting point	:	Not available
pH Value (aqueous solution)	:	Not applicable
Flash point	:	ca. 130 °C
Evaporation rate	:	Not available
Flammability of solids and gases	:	Not applicable
In flammability limit	:	Not applicable
Density	:	1,00 ± 0,10
Decomposition temperature	:	Not available
Viscosity	:	Not available
Partition coefficient: n-octanol/water	:	Not applicable
Explosive properties	:	Not available
Oxidizing properties	:	Not available

9.2. Other information

Information not available.

10. SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Carbon oxides. Burning produces noxious and toxic fumes.

11. SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****11.1.1. Acute toxicity**

Acute oral toxicity – Product : LD50 (Rat): > 5,000 mg/kg

11.1.2. Skin corrosion/irritation

Irritant to skin and mucous membranes.

11.1.3. Serious eye damage / eye irritation

Irritating effect.

11.1.4. Respiratory or skin sensitization

No data known

11.1.5. Germ cell mutagenicity

No data known.

11.1.6. Carcinogenicity

No data known.

11.1.7. Reproductive toxicity

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- 11.1.8. **Specific target organ toxicity (single exposure)**
No data known.
- 11.1.9. **Specific target organ toxicity (repeated exposure)**
No data known.
- 11.1.10. **Aspiration hazard**
No data known.
- 11.1.11. **Further toxicological information**
No data known.


12. SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity**
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 12.2. **Persistence and degradability**
Not easily biodegradable
- 12.3. **Bio accumulative potential**
No data known.
- 12.4. **Mobility in soil**
No data known.
- 12.5. **Results of PBT and vPvB assessment**
The mixture does not satisfy the PBT or vPvB criteria in accordance with annexe XIII of the REACH regulations EC 1907/2006.
- 12.6. **Other adverse effects**
Information not available.

13. SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. **Waste treatment methods**
The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of as hazardous waste in compliance with local and national regulations. Dispose of contents/ container to an approved waste disposal plant.

14. SECTION 14: TRANSPORT INFORMATION

- 14.1. **UN Number**
UN No. (ADR/RID/ADN) 3082
UN No. (IMDG) 3082
UN. No (ICAO) 3082
- 14.2. **UN proper shipping name**
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)
- 14.3. **Transport hazard class(es)**
ADR/RID/ADN Class 9
ADR/RID/ADN Class Class 9: Various dangerous substances and objects.
ADR Label No 9
IMDG Class 9
ICAO Class 9
- Transport Labels**
- 
- 14.4. **Packing group**
ADR/RID/ADN Packing group III
IMDG Packing group III
ICAO Packing group III
- 14.5. **Environmental hazards**
Environmentally hazardous substance / Marine pollutant
Yes.
- 14.6. **Special precautions for user**
EMS F-A, S-F
Emergency Action Code •3Z



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Hazard No. (ADR) 90
Tunnel Restriction Code (E)

14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable for product as supplied.

15. SECTION 15: REGULATORY INFORMATION

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV): Not applicable

REACH - List of substances subject to authorisation - Future sunset date: Not applicable

15.2. **Chemical Safety Assessment**

No data available.

16. SECTION 16: OTHER INFORMATION

Full text of abbreviated H statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H411 Toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard

Eye Irrit. : Eye irritation

Skin Irrit. : Skin irritation

Skin Sens. : Skin sensitisation

Full text of classifications [CLP/GHS]

Not applicable.

Abbreviations and acronyms

ADR : The European Agreement concerning the International Carriage of Dangerous Goods by Road

AND : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

Cas No : Chemical Abstracts Service

EC No : European Community Number

IATA : International Air Transport Association

ICAO-TI : Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG : International Maritime Dangerous Goods Code

UN : United Nations

MARPOL 73/78: The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78)

ATE : Acute Toxicity Estimate

CLP : Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL : Derived Minimal Effect Level

DNEL : Derived No Effect Level

EUH statement: CLP-specific Hazard statement

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

RRN : REACH Registration Number

vPvB : Very Persistent and Very Bioaccumulative

Sources of key data

Literature data and/or investigation reports are available through the manufacturer.

Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper use.

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**IZONET 003
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According to Regulation (EU) No 2015/830

17. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**17.1. Product identifier****Product name** IZONET 003**17.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses** Solvent Free Epoxy Primer**17.3. Details of the supplier of the safety data sheet****Supplier**

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17.4. Emergency telephone number

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18. SECTION 2: HAZARDS IDENTIFICATION**18.1. Classification of the substance or mixture**

Mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**Physical and chemical hazards** Not classified.**Human health** Acute Tox. 4-H302; Acute Tox. 4-H312; Skin Corr. 1B-H314; Skin Sens. 1-H317;

Eye Dam.1-H318; Acute Tox. 4-H332

Environment

Aquatic Chronic 2- H412

18.2. Label elements**Hazard pictograms** :**Signal word** : Danger**Hazard statements** :

H302+H312 Harmful if swallowed or in contact with skin.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Ingredients

: 3-aminomethyl-3,5,5-trimethylcyclohexylamine, Benzyl alcohol, Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer.

18.3. Other hazards

None known.



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19. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

19.1. Substances

Mixture.

19.2. Mixtures

Identification	EC No.	Cas No.	Conc. (a/a, %)	Classification (1272/2008 CLP)
3-aminomethyl-3,5,5-trimethylcyclohexylamine	220-666-8	2855-13-2	< 50	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412
Benzyl alcohol	202-859-9	100-51-6	< 50	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319

20. SECTION 4: First aid measures

20.1. Description of first aid measures

Eye contact : Wash immediately with plenty of water at least 15 minutes. Seek medical advice.

Inhalation : Move to fresh air. If breathing is irregular, seek medical advice.

Skin contact : Wash immediately with plenty of water. Remove contaminated clothing.

Ingestion : Drink plenty of water and provide fresh air. Call for a doctor immediately.

20.2. Most important symptoms and effects, both acute and delayed

No specific data.

20.3. Indication of any immediate medical attention and special treatment needed

No specific data. Follow doctor's orders.

21. SECTION 5: Firefighting measures

21.1. Extinguishing media

Suitable extinguishing media : CO₂, powder or water spray. Fight larger fires with water spray.

Unsuitable extinguishing media : Water with full jet

21.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

21.3. Advice for firefighters

Wear self-contained respiratory protective device.

22. SECTION 6: Accidental release measures

22.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. More information about personal precautions available in section 8.

22.2. Environmental precautions

Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

22.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

22.4. 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.

23. SECTION 7: HANDLING AND STORAGE

23.1. Precautions for safe handling

Store in closed, labelled containers.

23.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Protect from heat. Protect against electrostatic charges.

23.3. Specific end use(s)



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Information not available.

24. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

24.1. Control parameters

No exposure limit value known.

24.2. Exposure controls

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection : Avoid direct contact with eyes and skin. Wear protective goggles.

Hand protection : Use protective gloves

Skin and body : Working clothes.

Respiratory protection : No special protection is required.

25. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

25.1. Information on basic physical and chemical properties

Appearance	: Liquid
Colour	: Transparent
Odour	: Characteristic
Odour threshold	: Not available
Solubility	: Not applicable
Boiling point	: Not available
Melting point	: Not available
pH Value	: Not applicable
Flash point	: > 100°C
Evaporation rate	: Not available
Flammability of solids and gases	: Not applicable
In flammability limit	: Not applicable
Density	: 1.00 ± 0.10
Decomposition temperature	: Not available
Viscosity	: Not applicable
Partition coefficient: n-octanol/water	: Not applicable
Explosive properties	: Not available
Oxidizing properties	: Not available

25.2. Other information

Information not available.

26. SECTION 10: STABILITY AND REACTIVITY

26.1. Reactivity

No further relevant information available.

26.2. Chemical stability

The product is stable in normal conditions of use and storage.

26.3. Possibility of hazardous reactions

Reacts with strong acids and oxidising agents.

26.4. Conditions to avoid

No further relevant information available.

26.5. Incompatible materials

No further relevant information available.

26.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

27. SECTION 11: TOXICOLOGICAL INFORMATION

27.1. Information on toxicological effects

27.1.1. Acute toxicity

ATE_{mix}, oral 300-2000 mg / kg

ATE_{mix}, dermal 1000-2000 mg / kg

ATE_{mix}, inhalation 10-20 mg / L (vapor)

Benzyl alcohol

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LD50, Oral, Rat 1230 mg / kg

- 27.1.2. Skin corrosion/irritation**
It has a detrimental effect on the skin and mucous membranes.
- 27.1.3. Serious eye damage / eye irritation**
It has a strong corrosive effect.
- 27.1.4. Respiratory or skin sensitization**
May cause sensitization by skin contact.
- 27.1.5. Germ cell mutagenicity**
No data known.
- 27.1.6. Carcinogenicity**
No data known.
- 27.1.7. Reproductive toxicity**
Based on available data, the classification criteria are not met.
- 27.1.8. Specific target organ toxicity (single exposure)**
Based on available data, the classification criteria are not met.
- 27.1.9. Specific target organ toxicity (repeated exposure)**
Based on available data, the classification criteria are not met.
- 27.1.10. Aspiration hazard**
Based on available data, the classification criteria are not met.
- 27.1.11. Further toxicological information**
No data known.

28. SECTION 12: ECOLOGICAL INFORMATION

- 28.1. Toxicity**
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 28.2. Persistence and degradability**
It is not easily biodegradable.
- 28.3. Bio accumulative potential**
Information not available.
- 28.4. Mobility in soil**
Information not available.
- 28.5. Results of PBT and vPvB assessment**
It does not contain PBT and vPvB features.
- 28.6. Other adverse effects**
Information not available.

29. SECTION 13: DISPOSAL CONSIDERATIONS

- 29.1. Waste treatment methods**
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

30. SECTION 14: TRANSPORT INFORMATION

- 30.1. Number**
- | | |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 2735 |
| UN No. (IMDG) | 2735 |
| UN. No (ICAO) | 2735 |
- 30.2. UN proper shipping name**
AMINES, LIQUID, CORROSIVE, N.O.S., Mixture
- 30.3. Transport hazard class(es)**
- | | |
|-------------------|--------------------------------|
| ADR/RID/ADN Class | 8 |
| ADR/RID/ADN Class | Class 8: Corrosive substances. |
| ADR Label No | 8 |
| IMDG Class | 8 |
| ICAO Class | 8 |
- Transport Labels**



- 30.4. Packing group**



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ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

30.5. Environmental hazards

Environmentally hazardous substance / Marine pollutant
Yes.

30.6. Special precautions for user

Limited Quantity 5 L

Exceptional Quantity E1

EMS F-A, S-B

Emergency Action Code 2X

Hazard No. (ADR) 80

Tunnel Restriction Code (E)

30.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable for product as supplied.

31. SECTION 15: REGULATORY INFORMATION

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

The product doesn't need to be classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 [CLP].

31.2. Chemical Safety Assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

32. SECTION 16: OTHER INFORMATION

Full text of abbreviated H statements

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H332 Harmful if inhaled.

H412 Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Not applicable.

Abbreviations and acronyms

ADR : The European Agreement concerning the International Carriage of Dangerous Goods by Road

AND : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

Cas No : Chemical Abstracts Service

EC No : European Community Number

IATA : International Air Transport Association

ICAO-TI : Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG : International Maritime Dangerous Goods Code

UN : United Nations

MARPOL 73/78: The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78)

ATE : Acute Toxicity Estimate

CLP : Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL : Derived Minimal Effect Level

DNEL : Derived No Effect Level

EUH statement: CLP-specific Hazard statement

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

RRN : REACH Registration Number

vPvB : Very Persistent and Very Bioaccumulative

Sources of key data: Literature data and/or investigation reports are available through the manufacturer.

Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper use.

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