

SCHEDA DI SICUREZZA

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **700109**
Product name: **PROFILES GLUE 500 GR**

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

Intended use: **Single-component polyurethane adhesive .**

1.3. Details of the supplier of the safety data sheet

Name: **STIFERITE S.p.A.**
Full address: **Viale Navigazione Interna, 54**
District and Country: **35129 Padova (Pd)**
Italia
Tel. +39 049 8997911
Fax +39 049 774727

e-mail address of the competent person
responsible for the Safety Data Sheet

info@stiferite.com

1.4. Emergency telephone number

For urgent inquiries refer to

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department.

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Carcinogenicity, category 2	H351	Suspected of causing cancer.
Acute toxicity, category 4	H332	Harmful if inhaled.
Specific target organ toxicity - repeated exposure, category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.
Specific target organ toxicity - single exposure, category 3	H335	May cause respiratory irritation.
Respiratory sensitization, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization, category 1	H317	May cause an allergic skin reaction.

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Hazard pictograms:



Signal words:

Danger

Hazard statements:

H351	Suspected of causing cancer.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
EUH204	Contains isocyanates. May produce an allergic reaction.

Precautionary statements:

P260	Do not breathe dust / fume / gas / mist / vapours / spray.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P302+P352	IF ON SKIN: wash with plenty of water and soap.
P304+P340	IF INHALED: remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice / attention.

Contains: Diphenylmethane Diisocyanate, isomers and homologues

As from 24 August 2023 adequate training is required before industrial or professional use.

Restricted to professional users.

2.3. Other hazardsOn the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.**SECTION 3. Composition/information on ingredients****3.2. Mixtures**

Contains:

Identification	x = Conc. %	Classification 1272/2008 (CLP)
Diphenylmethane Diisocyanate, isomers and homologues CAS 9016-87-9	55 \leq x < 60	Carc. 2 H351, Acute Tox. 4 H332, STOT RE 2 H373, Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Resp. Sens. 1 H334, Skin Sens. 1 H317, Classification note according to Annex VI to the CLP Regulation: 2 C
EC -		
INDEX 615-005-00-9		

The full wording of hazard (H) phrases is given in section 16 of the sheet.

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

SECTION 4. First aid measures

4.1. Description of first aid measures

SKIN: In the event of contact with the skin, preferably wash with a cleanser based on polyethylene glycol or with plenty of warm water and soap. Consult a doctor in the event of a skin reaction.

INHALATION: Take the person into the fresh air and keep him warm, let him rest; if there is difficulty in breathing, medical advice is required.

EYES: Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.

INGESTION: DO NOT induce the patient to vomit, medical advice is required.

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

Information not available

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material (e.g. sand, sawdust).
Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation necessary if product is sprayed. The threshold limit values noted in section 8 must be monitored. In all areas where isocyanate aerosols and/or vapor concentrations are produced in elevated concentrations, exhaust ventilation must be provided in such a way that the workplace exposure limits (WEL) is not exceeded. The air should be drawn away from the personnel handling the product. The personal protective measures described in section 8 must be observed. The precautions required in the handling of isocyanates must be taken. Avoid contact with skin and eyes and the inhalation of vapor.
Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Keep working clothes separately. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Keep the product in clearly labelled containers. Keep containers well sealed. Avoid contact with water or that may absorb moisture at all costs. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

TLV-ACGIH

ACGIH 2020

Diphenylmethane Diisocyanate, isomers and homologues									
Threshold Limit Value									
Type	Country	TWA/8h		STEL/15min		Remarks / Observations			
		mg/m3	ppm	mg/m3	ppm				
TLV-ACGIH			0,005						
Predicted no-effect concentration - PNEC									
Normal value in fresh water				1		mg/l			
Normal value in marine water				0,1		mg/l			
Normal value for water, intermittent release				10		mg/l			
Normal value of STP microorganisms				1		mg/l			
Normal value for the terrestrial compartment				1		mg/kg			
Health - Derived no-effect level - DNEL / DMEL									
Route of exposure	Effects on consumers	Effects on consumers			Effects on workers				
		Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	20 mg/kg bw/d							
Inhalation		0,05 mg/m3	0,05 mg/m3	0,025 mg/m3	0,025 mg/m3	0,1 mg/m3	0,1 mg/m3	0,05 mg/m3	0,05 mg/m3
Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto		Verificata da: L. Tolin		Approvato: M. Stimamiglio		

SCHEDA DI SICUREZZA

Skin	17,2 mg/cm2	25 mg/kg bw/d	28,7 mg/cm2	50 mg/kg bw/d
------	-------------	---------------	-------------	---------------

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

8.2. Exposure controls

RESPIRATORY PROTECTION: Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis) it is inadvisable to work with the product.

HAND PROTECTION: Protect hands with category III work gloves (see standard EN 374). The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability. The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

Suitable materials for safety gloves; EN 374:

Polychloroprene - CR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Nitrile rubber - NBR: thickness $\geq 0,35\text{mm}$; breakthrough time $\geq 480\text{min}$.

Butyl rubber - IIR: thickness $\geq 0,5\text{mm}$; breakthrough time $\geq 480\text{min}$.

Fluorinated rubber - FKM: thickness $\geq 0,4\text{mm}$; breakthrough time $\geq 480\text{min}$. Recommendation: contaminated gloves should be disposed of.

SKIN PROTECTION: Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION: Wear airtight protective goggles (see standard EN 166).

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Colour	brown
Odour	characteristic
Odour threshold	Not determined
pH	Not applicable
Melting point / freezing point	Not determined
Initial boiling point	Not determined
Boiling range	Not available
Flash point	$> 150\text{ }^{\circ}\text{C}$
Evaporation Rate	Not applicable
Flammability of solids and gases	non applicabile
Lower inflammability limit	Not determined
Upper inflammability limit	Not determined
Lower explosive limit	Not determined
Upper explosive limit	Not determined
Vapour pressure	Not applicable
Vapour density	Not available
Relative density	1,10 - 1,25 g/cc
Solubility	insoluble in water

Scheda di Sicurezza	Panel- Glue-Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-----------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature	Not available
Decomposition temperature	Not determined
Viscosity	Not available
Explosive properties	not explosive
Oxidising properties	Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage. Polymerises at about 200 °C with evolution of CO₂.

10.3. Possibility of hazardous reactions

Exothermic reaction with amines and alcohols; reacts with water forming CO₂; in closed containers, risk of bursting owing to increase of pressure.

10.4. Conditions to avoid

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

10.5. Incompatible materials

Agenti ossidanti o riducenti. Acidi o basi forti.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

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

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

2,5 mg/l

ATE (Oral) of the mixture:

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

Diphenylmethane Diisocyanate, isomers and homologues

LD50 (Oral) > 10000 mg/kg Rat, Method OECD TG401

LD50 (Dermal) > 9400 mg/kg rabbit method: OECD TG402

LC50 (Inhalation) 0,31 mg/l/4h Rat, Method OECD TG403(powder)

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

Sensitising for the respiratory system

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Suspected of causing cancer

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

May cause respiratory irritation

STOT - REPEATED EXPOSURE

May cause damage to organs

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Diphenylmethane Diisocyanate, isomers and homologues	
LC50 - for Fish	> 1000 mg/l/96h Danio Rerio, OECD TG203
EC50 - for Crustacea	> 1000 mg/l/24h Daphnia Magna, OECD TG202
EC50 - for Algae / Aquatic Plants	> 1640 mg/l/72h Scenedesmus subspicatus, OECD TG201
Chronic NOEC for Crustacea	> 10 mg/l/21d Daphnia Magna, OECD TG202

12.2. Persistence and degradability

Diphenylmethane Diisocyanate, isomers and homologues
NOT rapidly degradable

12.3. Bioaccumulative potential

Diphenylmethane Diisocyanate, isomers and homologues	
BCF	< 14 Cyprinus carpio, OECD TG305C, 42d

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

12.6. Other adverse effects

Information not available

SECTION 13. Disposal considerations

It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

13.1. Waste treatment methods

Scheda di Sicurezza	Panel- Glue-Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-----------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

14.1. UN 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. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

SECTION 15. Regulatory information

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

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

Seveso Category - Directive 2012/18/EC: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006Product
Point

3

Contained substance

Point

56

Diphenylmethane
Diisocyanate,
isomers and
homologues

Point

74

DIISOCYANATES

Substances in Candidate List (Art. 59 REACH)On the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Carc. 2

Carcinogenicity, category 2

Acute Tox. 4

Acute toxicity, category 4

STOT RE 2

Specific target organ toxicity - repeated exposure, category 2

Eye Irrit. 2

Eye irritation, category 2

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
Resp. Sens. 1	Respiratory sensitization, category 1
Skin Sens. 1	Skin sensitization, category 1
H351	Suspected of causing cancer.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
EUH204	Contains isocyanates. May produce an allergic reaction.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
 3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
 13. Regulation (EU) 2017/776 (X Atp. CLP)
 14. Regulation (EU) 2018/669 (XI Atp. CLP)
 15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
 16. Regulation (EU) 2019/521 (XII Atp. CLP)
- The Merck Index. - 10th Edition

Scheda di Sicurezza	Panel- Glue-Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	------------------------------	-----------------------	--------------------------	-------------------------	---------------------------

SCHEDA DI SICUREZZA

- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

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 uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 05 / 07 / 08 / 09 / 10 / 11 / 12 / 14 / 15.

Scheda di Sicurezza	Panel- Glue- Isocanale	Rev. 1 del 01/10/2019	Redatta da: F. Raggiotto	Verificata da: L. Tolin	Approvato: M. Stimamiglio
---------------------	-------------------------------	-----------------------	--------------------------	-------------------------	---------------------------