

SAFETY DATA SHEET

ROOF PROTECTION

SECTION 1: identification from the substance/mixture And from the company/business

1.1. Identifier of the product

Identification from the blend:

First name commercial: ROOF PROTECTION

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

against Use recommended: Membrane liquid to basic Of polymers synthetic in dispersion watery Uses not recommended: Data Not available .

1.3. Information on the supplier from the form Of data Of safety

Supplier: EDMEC DM - 41038 San Felice s/P (MO) - Via Scala n°628/D

Person qualified responsible from the form Of safety: info@edmec.it

1.4. Number telephone Of emergency

Center anti-poisons, Agency hospital "Anthony Cardarelli", III Service Of anesthesia And resuscitation, Street Anthony Cardarelli 9, Naples - Tel. 081 5453333

Center anti-poisons, Agency hospital university Careggi , UO Toxicology medical, Street Wide Brambilla 3, Florence - Tel. 055 7947819

Center anti-poisons, Center national of information toxicological, IRCCS Foundation Savior Maugeri Clinic of the Work And from the rehabilitation, Street Savior Maugeri 10, Pavia - Tel. 0382 24444

Center anti-poisons, Agency hospital Niguarda Ca' Granda , square Hospital Greater 3, Milan - Tel. 02 66101029

Center anti-poisons, Agency hospital "Dad John XXIII", Toxicology clinic, Department Of pharmacy clinic And pharmacology, square WHO 1, Bergamo - Tel. 800 883300

Center anti-poisons Polyclinic "Umberto THE", PRGM toxicology urgently, avenue of the Polyclinic 155, Rome - Tel. 06 49978000

Center anti-poisons of the Polyclinic "Augustine Twins", Service Of toxicology clinic, wide Augustine Twins 8, Rome - Tel. 06 3054343

Center anti-poisons, Agency hospital university Gathered, avenue Louis Pinto 1, Foggia - Tel. 800 183459

Center anti-poisons, Hospital pediatric Child Jesus, Department emergency And acceptance GODDESS, square Saint Onofrio 4, Rome - Tel. 06 68593726

Center anti-poisons of the Company hospital university integrated (AOUI) Of Verona site Of Village Trent, square Aristide Stefani, 1 - 37126 Verona - Tel. 800 011858

SECTION 2: identification of the dangers

2.1. Classification from the substance or from the blend

Regulation (THERE IS) n. 1272/2008 (CLP)

The product Not And considered dangerous in agreement with The Regulation THERE IS 1272/2008 (CLP).

Effects physico-chemical harmful at the Health Human And to the environment:

No other danger

2.2. Elements of the label

The product Not And considered dangerous in agreement with The Regulation THERE IS 1272/2008 (CLP).

Provisions specials:

EUH208 Contains 2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl) triethanol . Can provoke a reaction allergic.

EUH208 Contains 1,2-benzisothiazol-3(2H) -one . Can provoke a reaction allergic.

EUH208 Contains Blend Of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] And 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). Can provoke a reaction allergic.

EUH211 Attention! In case Of vaporization can form droplets breathable dangerous. Not breathe the vapors or the mists.

EUH210 Card data Of safety available on request.

Provisions special in basic to the Attachment XVII of the REACH And subsequent ones adjustments:

None

2.3. Others dangers

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No PBT, vPvB or interfering substances
endocrine present in concentration $\geq 0.1\%$

Others dangers: No other danger

SECTION 3: composition/information on ingredients

3.1. Substances

Not Relevant

3.2. Mixtures

Identification from the blend: ROOF PROTECTION

Components dangerous to the senses of the Regulation CLP And relative classification:

Concentration (%) w/w)	First name	Identification No	Classification	Registration number
≥ 0.05 - $< 0.1\%$	2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl) triethanol	CAS:4719-04-4 EC:225-208-0 Index :613-114-00-6	Acute Tox . 4, H302 Skin Sens . 1, H317 Specific concentration limits: C \geq 0.1%: Skin Sens . 1 H317	01-2119529226-41-XXXX
≥ 0.01 - $< 0.016\%$	1,2-benzisothiazol-3(2H) -one	CAS:2634-33-5 EC:220-120-9 Index :613-088-00-6	Skin Irrit . 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox . 4, H302 Skin Sens . 1, H317 Aquatic Chronic 2, H411 Specific concentration limits: C \geq 0.05%: Skin Sens . 1 H317	
$< 0.0015\%$	ela of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS:55965-84-9 EC:611-341-5 Index :613-167-00-5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Acute Tox . 3, H301 Skin Corr . 1C, H314 Skin Sens . 1A, H317 Acute Tox . 2, H310 Acute Tox . 2, H330 Eye Dam. 1, H318, M-Chronic :100, MAcute :100 Specific concentration limits: C \geq 0.6%: Skin Corr . 1C H314 0.06% \leq C < 0.6%: Skin Irrit . 2 H315 C \geq 0.6%: Eye Dam. 1 H318 0.06% \leq C < 0.6%: Eye Irrit . 2 H319 C \geq 0.0015%: Skin Sens . 1A H317	

SECTION 4: measures Of first rescue

4.1. Description from the measures Of first rescue

In case Of contact with there skin:

Wash abundantly with waterfall And soap.

In case Of contact with The eyes:

Wash immediately with waterfall.

In case Of ingestion:

Not induce vomit, ask assistance medical showing this SDS And labelling Of danger.

In case Of inhalation:

Bring the injured person in the air open And keep it to the heat And to rest.

4.2. Main symptoms and effects, is acute That retarded

Not available

4.3. Indication of the possible need Of to consult immediately a doctor And Of treatments special

Treatment:

Not available (see
point 4.1)

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SECTION 5: measures Of struggle fire prevention**5.1. Means Of extinction**

Means Of extinction eligible:

Waterfall.

Dioxide Of carbon (CO₂).

Means Of extinction That Not they must to be used For reasons Of safety:

Nobody in particular.

5.2. Dangers special arising from the substance or from the blend

Not inhale the gas products from the explosion And from the combustion.

5.3. Recommendations For The employees to extinction of the fires

Use equipment respiratory adequate.

SECTION 6: measures in case Of release accidental**6.1. Precautions personal, devices Of protection And procedures in case Of emergency**

Wear the devices Of protection individual. Move the people in place Safe.

6.2. Precautions environmental

Impede there penetration In the soil/subsoil. Impede The outflow in waters superficial or in the net sewerage. To contain the spreading with Earth or sand.

6.3. Methods And materials For The containment And For there quenching and tempering

Material suitable at the collection: material absorbent, organic, sand

Hold back the water Of wash contaminated and eliminate it.

6.4. Reference to other sections

You see Also paragraph 8 And 13

SECTION 7: handling And storage**7.1. Precautions For there handling safe**

Avoid The contact with there skin And The eyes, inhalation Of vapors And mists. During The Work Not eat neither drinking.

Yes postpone Also to the paragraph 8 For the devices Of protection recommended.

7.2. Conditions For the storage Safe, included possible incompatibility

Hold distant from foods, drinks And feed.

Matter incompatible:

None in particular. Yes see Also The following paragraph 10.

Indication For the locals:

Locals adequately ventilated.

7.3. Uses finals details

Recommendations

No use particular

Solutions specifications For The sector

industrial No use particular

SECTION 8: controls of the exposure/ of protection individual**8.1. Parameters Of check**

No Given Available

8.2. Controls of the exhibition

Protection of the eyes:

Not required For use normal. Operate Anyway second the good practices Of Work.

Protection from the skin:

Not And request adoption Of any precaution special For use normal.

Protection from the hands:

Materials suitable For gloves protective; EN ISO 374:

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Polychloroprene - CR: thickness \geq 0.5mm; breaking time \geq 480min.

Eraser nitrile - NBR: thickness \geq 0.35mm; time Of break \geq 480min.

Eraser butyl - IIR: thickness \geq 0.5mm; time Of break \geq 480min.

Eraser fluorinated - FKM: thickness \geq 0.4mm; time Of break \geq 480min.

Protection respiratory:

Everyone the devices Of protection individual they must to be compliant to standard THERE IS concerning (as EN ISO 374 For the gloves And EN ISO 166 for glasses), kept efficient and stored appropriately. Always consult your device supplier protection.

Not required For use normal. Operate Anyway second the good practices Of Work.

Measures Techniques And Of Hygiene:

Not available

Controls technicians

eligible:

Not available

SECTION 9: property physical And chemicals

9.1. Information on property physical And chemicals fundamentals

Physical state: Liquid

I wait: pasta

Light blue

Odor: characteristic

Theshold Of odor: Not available

Point Of melting/freezing: Not available

Point Of boiling initial And interval Of boiling: 100 °C (212 °F)

Flammability: NA

Upper/lower flammability or explosive limits: Not available

Point Of flammability: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 9.50

Viscosity: 50,000.00 cPs

Kinematic viscosity: Not availableWater

solubility: dispersible

Solubility in oil: insoluble

Partition coefficient (n-octanol /water): Not availablePressure

Of steam: Not available

Relative density: 1.40 g/cm³

Vapor density: Not available

Characteristics from the particles:

Dimension from the particles: Not available

9.2. Other information

Miscibility: Not available

Conductivity: Not available

Explosive properties: == No one
else information relevant

SECTION 10: stability And reactivity

10.1. Reactivity

Stable in conditions normal

10.2. Stability chemistry

Stable in conditions normal

10.3. Possibility Of reactions dangerous

Nobody.

10.4. Conditions from avoid

Stable in conditions normal.

10.5. Materials incompatible

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None in particular.

10.6. Products Of decomposition dangerous

Nobody.

SECTION 11: information toxicological

11.1. Information on classes Of danger defined In the regulation (THERE IS) n.

1272/2008 Information toxicological concerning there blend:

a) acute toxicity	Not classified Based on available data, the classification criteria are not met.
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met.
c) serious eye damage/serious eye irritation	Not classified Based on available data, the classification criteria are not met.
d) respiratory or skin sensitization	Not classified Based on available data, the classification criteria are not met.
e) mutagenicity of germ cells	Not classified Based on available data, the classification criteria are not met.
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met.
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met.
h) specific target organ toxicity (STOT) — single exposure	Not classified Based on available data, the classification criteria are not met.
I) specific target organ toxicity (STOT) — repeated exposure	Not classified Based on available data, the classification criteria are not met.
j) danger in case of aspiration	Not classified Based on available data, the classification criteria are not met.

I am Of following reported the information toxicological concerning the main substances present in the blend:

2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl) triethanol	a) acute toxicity	LD50 Oral Rat = 1000 mg/kg LC50 Inhalation of mists Rat = 0.371 mg/l 4h LD50 Oral Rat = 763 mg/kg
1,2-benzisothiazol-3(2H)-one	a) acute toxicity	LD50 Oral Rat = 670, mg/kg
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	a) acute toxicity	LC50 Inhalation Rat = 2.36 mg/l 4h LD50 Rabbit Skin = 660, mg/kg LD50 Oral Rat = 53, mg/kg

11.2. Information on others dangers

Property Of interference with The system endocrine:

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No interfering endocrine present in concentration $\geq 0.1\%$

SECTION 12: information ecological

12.1. Toxicity

Use second the good practices working, avoiding Of disperse The product in the environment. Information Eco-Toxicological:

List from the Property Eco-Toxicological of the product

Not classified For the dangers For the environment

On the basic of the data available, the criteria Of classification Not I am satisfied.

List from the property Eco-Toxicological of the components:

Component	Identification No	Eco-Toxicological Information
2,2',2''-(hexahydro-1,3,5-triazin-1,3,5-triyl) triethanol	AS: 4719-04-4 - EINECS: 225-208-0 - INDEX: 613-114-00-6	a) Acute aquatic toxicity: LC50 Danio fish rerio = 16.07 mg/L 96h ECHA
1,2-benzisothiazol-3(2H) -one	CAS: 2634-33-5 - EINECS: 220-120-9 - INDEX: 613-088-00-6	a) Acute aquatic toxicity: LC50 Fish = 2.15 mg/L b) Chronic aquatic toxicity: NOEC Algae = 0.0403 mg/L 72h b) Chronic aquatic toxicity: EC50 Algae = 0.11 mg/L 72h b) Chronic aquatic toxicity: EC10 Algae = 0.04 mg/L 72h b) Chronic aquatic toxicity: EC50 Daphnia = 3.27 mg/L 48h NOEC Daphnia = 1.2 mg/L 21d
Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	CAS: 55965-84-9 - EINECS: 611-341-5 - INDEX: 613-167-00-5	a) Acute aquatic toxicity: EC50 Daphnia = 0.12 mg/L 48 a) Acute aquatic toxicity: LC50 Fish = 0.22 mg/L 96 a) Acute aquatic toxicity: EC50 Algae = 0.048 mg/L 72 b) Chronic aquatic toxicity: NOEC Algae = 0.0012 mg/L 72 b) Chronic aquatic toxicity: NOEC Fish = 0.098 mg/L - 28 d b) Chronic aquatic toxicity: NOEC Daphnia = 0.004 mg/L - 21 d

12.2. Persistence and biodegradability

NA

12.3. Bioaccumulative potential

NA

12.4. Mobility In the soil

NA

12.5. Results from the assessment PBT And vPvB

No PBT, vPvB or interfering substances endocrine present in concentration $\geq 0.1\%$

12.6. Property Of interference with The system endocrine

No interfering endocrine present in concentration $\geq 0.1\%$

12.7. Others effects adverse

Not available

SECTION 13: considerations on disposal

13.1. Methods Of treatment of the waste

There generation Of waste should to be avoided or minimized where possible. Recover self possible.

Not And possible to specify a code Of rejection (CER) second the list European of the waste (LoW), to cause from the dependence from use. To contact And send to a service Of disposal waste authorized.

Methods Of disposal:

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The disposal Of This product, solutions, packaging and possible by-products needs to Always to be compliant to the requirements from the legislation on the protection environmental And on disposal of the waste And to the requirements from the authority locals And regional.

Dispose the products in excess And Not recyclable through a contractor authorized at the disposal of the waste. Not throw away the waste in sewers.

The packaging Of waste clean they must to be recycled when possible And authorized by the authority.

Waste dangerous: No

Considerations on disposal:

Not allow the entrance in channels Of drain or courses of water.

Dispose The product second all the regulations federal, state And locals applicable.

Self This product he comes mixed with others waste, The code rejection original could be Not to be more applicable And The code appropriate should to be assigned.

Dispose the containers contaminated from the product in compliance with the provisions locals or national. For more information, to contact the authority local For the waste.

Precautions specials:

This material And The his container they must to be disposed of in way Safe. Lend Attention when Yes they handle containers empty Not treated.

Avoid there dispersion of the material poured out And The outflow And The contact with ground, courses of water, downloads And sewers. Containers or linings empty can hold back some residues Of product. Not reuse the containers empty.

SECTION 14: information on the transport

Goods Not dangerous to the senses from the norms on the transport.

14.1. Number UN or number ID

Not Applicable

14.2. Designation official UN Of transport

Not Applicable

14.3. Classes Of danger connected to the transport

Not Applicable

14.4. Group of packaging

Not Applicable

14.5. Dangers For the environment

Not Applicable

14.6. Precautions special For The users

Not applicable Street

And Rail (ADR-RID) :

Not Applicable

Air (IATA) :

Not Applicable

Sea (IMDG) :

Not Applicable

14.7. Transport maritime at the bulk accordance with to acts of the IMO

Not Applicable

SECTION 3pm: information on the regulation

15.1. Provisions legislative And regulations on Health, safety And environment specifications For there substance or there blend

VOC (2004/42/EC): NA g/l

Legislative Decree 9/4/2008

n. 81

DM Work 02/26/2004 (Limits Of exposure professionals)

Regulation (THERE IS) n. 1907/2006 (REACH)

Regulation (EU) no. 2020/878

Regulation (THERE IS) n. 1272/2008 (CLP)

Regulation (THERE IS) n. 790/2009 (ATP 1 CLP) And (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) no. 618/2012 (ATP 3 CLP)

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Regulation (EU) no. 487/2013 (ATP 4 CLP)
Regulation (EU) no. 944/2013 (ATP 5 CLP)
Regulation (EU) no. 605/2014 (ATP 6 CLP)
Regulation (EU) no. 2015/1221 (ATP 7 CLP)
Regulation (EU) no. 2016/918 (ATP 8 CLP)
Regulation (EU) no. 2016/1179 (ATP 9 CLP)
Regulation (EU) no. 2017/776 (ATP 10 CLP)
Regulation (EU) no. 2018/669 (ATP 11 CLP)
Regulation (EU) no. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) no. 2020/217 (ATP 14 CLP)
Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Provisions relative at the directive EU 2012/18 (Seveso III):

None

Restrictions relative to the product or at substances contained in basic to the Attachment XVII of the Regulation (THERE IS) 1907/2006 (REACH) And subsequent ones adjustments:

Restrictions relative to the product: None

Restrictions relative at substances contained: 40, 69, 75

Substances SVHC:

Substances SVHC Not present in a concentration $\geq 0.1\%$ (w/w)

Class Of danger German For the waters (WGK)

Class 1: little dangerous.

15.2. Assessment from the safety chemistry

Not And was carried out a assessment from the safety chemistry For there blend

SECTION 16: other information

Self appropriate, the provisions specifications in relation at the possible training For the workers I am mentioned in the section 2. Any training relating to safety in the workplace must in any case refer to a risk assessment which must be carried out by a company safety manager taking into account the specific operational and environmental conditions in which they come used the products.

This document And' state drafted from a technician qualified in matter Of SDS And That has received training appropriate. Main sources bibliographic:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre , Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information there contained Yes based on our knowledge at the date above reported. I am refer only to the product indicated And Not they make up warranty Of details quality.

The user And held to to make sure from the eligibility And completeness Of such information in relation to use specific That neither needs to Do. This form cancel And substitute Everything is fine edition previous.

Legend of abbreviations and acronyms used in the safety data sheet:ACGIH:

Conference American of the Hygienists Industrial Governmental

ADR: Agreement European relative to the transport international road Of goods dangerous.

AND: Agreement European relative to the transport international from the goods dangerous For ways navigable internal TO YOU: Toxicity Acute Estimated

STAmix : Esteem from the toxicity acute

(Mixtures)BCF: Factor Of concentration

Organic

EIB: Index biological Of exposure

BOD: request biochemistry Of oxygen

CAS: Chemical Abstracts Service (division from the American Chemical Society).

CAV: Center Anti-poisons

THERE IS: Community European

CLP: Classification, Labeling, Packaging. CMR:

Carcinogenic, mutagenic, reproductive toxic

CODE: request chemistry Of oxygen

VOC: Composed Organic Volatile

CSA: Assessment from the safety chemistry

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CSR: Chemical Safety Report
DMEL: Derived level with minimal effects
DNEL: Level derivative without effect.
DPD: Dangerous Products Directive
DSD: Directive Substances Dangerous
EC50: Concentration effective median
ECHA: Agency European For the Substances Chemicals
EINECS: Inventory European from the substances chemicals Europeans existing in trade.
ES: Scenario Of Exposure
GefStoffVO : Order on substances dangerous in Germany.
GHS: System global harmonized Of classification And Of labelling of the products chemists.
IARC: Center International Of Research on the Cancer
IATA: Association For The transport airplane international.
IATA-DGR: Regulation on goods dangerous from the "Association For The transport airplane international" (IATA). IC50: Concentration Of inhibition median
ICAO: Organization international For aviation civil.
ICAO-TI: Instructions techniques from the "Organization international For aviation civil" (ICAO). IMDG: Code maritime international For the goods dangerous.
INCI: Nomenclature international of the ingredients cosmetics.
IRCCS: Scientific Hospitalization and Treatment Institutes
KAFH: KAFH
KSt : Coefficient of explosion.
LC50: Concentration lethal For The 50 For hundred from the population Of test.
LD50: Dose lethal For The 50 For hundred from the population Of test.
LDLo : Dose lethal minimal
NA : Not Applicable
N/A: Not Applicable
N/A: Not determined / Not available
NA: Not available
NIOSH: Institute National For there Safety And Hygiene of the
WorkNOAEL: Dose private Of effects adverse observed
OSHA: Agency For there Safety And there Health on the WorkPBT: Persistent, bioaccumulative And toxic
PGK: Instructions Of packaging
PNEC: Concentration expected without effect.
PSG: Passengers
RID: Regulation about The transport international Of goods dangerous For Street railway. STEL: Limit of exposure to short term.
STOT: Toxicity organ-specific.
TLV: Value limit Of theshold.
TWATLV: Value limit Of theshold For there average weighed on 8 hours. (ACGIH Standard).vPvB : Very persistent And Very bioaccumulative
WGK: Class Of danger For the waters (Germany).

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