

SAFETY DATA SHEET

ACCORDING TO THE REACH REGULATION (EC) 1907/2006 AMENDED BY
REGULATION (EU) 2020/878

FOME FLEX

Issue date: 13/12/2021

Reference number: EYS F 831-1-22

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FOME FLEX GLUE BLOCKS ADHESIVE FOAM

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

1.1. Product identifier

Product form : Mixture
Trade name : FOME FLEX GLUE BLOCKS ADHESIVE FOAM
Type of product : Adhesives, Sealants
Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

JSC TEGRA STATE

Savanoriu ave. 178A, LT-03154 Vilnius, Lithuania

E-mail address info@tegra.lt

+370 5 266 11 67

1.4. Emergency telephone number

European emergency number: 112 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229

Acute toxicity (inhalation:gas) Category 4 H332

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 2 H319

Respiratory sensitisation, Category 1 H334

Skin sensitisation, Category 1 H317

Carcinogenicity, Category 2 H351

Reproductive toxicity, Additional category, Effects on or via lactation H362

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation H335

Specific target organ toxicity – Repeated exposure, Category 2 H373

Hazardous to the aquatic environment – Chronic Hazard, Category 4 H413

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. Suspected of causing cancer. May cause harm to breast-fed children. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause long lasting harmful effects to aquatic life.

2.2. Label elements

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Labelling according to Regulation (EC) No. 1272/2008 [CLP]Extra labelling to displayExtra classification(s) to display

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

Signal word (CLP) : Danger

Hazardous ingredients : Polymethylene polyphenyl isocyanate; alkanes, C14-17, chloro; chlorinated paraffins, C14-17

Hazard statements (CLP) :

H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 - May cause respiratory irritation.
H351 - Suspected of causing cancer.
H362 - May cause harm to breast-fed children.
H373 - May cause damage to organs through prolonged or repeated exposure.
H413 - May cause long lasting harmful effects to aquatic life.

Precautionary statements (CLP) :

P201 - Obtain special instructions before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P263 - Avoid contact during pregnancy and while nursing.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

EUH-statements :

Extra phrases :

EUH204 - Contains isocyanates. May produce an allergic reaction.
As from 24 August 2023 adequate training is required before industrial or professional use.
Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

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2.3. Other hazards

Contains PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|------------------|--|
| Polymethylene polyphenyl isocyanate | (CAS-No) 9016-87-9 | $\geq 45 - < 50$ | Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373 |
| Reaction products of phosphoryl trichloride and 2-methyloxirane | (EC-No) 807-935-0 | $\geq 7 - < 8$ | Acute Tox. 4 (Oral), H302 |
| dimethyl ether substance with a Community workplace exposure limit (Note U) | (CAS-No) 115-10-6 (EC-No) 204-065-8 (EC Index-No) 603-019-00-8 | $\geq 7 - < 8$ | Flam. Gas 1A, H220 Press. Gas |
| alkanes, C14-17, chloro; chlorinated paraffins, C14-17 substance listed as REACH Candidate (Medium-chain chlorinated paraffins (MCCP)) PBT substance; vPvB substance | (CAS-No) 85535-85-9 (EC-No) 287-477-0 (EC Index-No) 602-095-00-X | $\geq 4 - < 5$ | Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 |

Comments : Polymethylene polyphenyl isocyanate, contains $> 0.1\%$ MDI-isomers.

Note U - When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general :

IF exposed or concerned: Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

First-aid measures after inhalation :

Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

First-aid measures after skin contact :

Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact :

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists:

Get medical advice/attention.

First-aid measures after ingestion :

Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation :

May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact :

Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact :

Eye irritation.

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 : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard :

Extremely flammable aerosol.

Explosion hazard :

Pressurised container: May burst if heated.

Hazardous decomposition products in case of fire :

Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting :

Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Do

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not breathe dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling :

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact during pregnancy/while nursing. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a wellventilated area. Avoid contact with skin and eyes.

Hygiene measures :

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions :

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| dimethyl ether (115-10-6) | | |
|---------------------------|----------------------|---------------------------------|
| EU | Local name | Dimethylether |
| EU | IOEL TWA | 1920 mg/m ³ |
| EU | Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| Belgium | OEL TWA | 1920 mg/m ³ |
| Belgium | OEL TWA [ppm] | 1000 ppm |
| France | VME (OEL TWA) | 1920 mg/m ³ |

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| | | |
|----------------|----------------------------|------------------------|
| France | VME (OEL TWA) [ppm] | 1000 ppm |
| Germany | Notes | |
| Netherlands | TGG-8u (OEL TWA) | 950 mg/m ³ |
| Netherlands | TGG-8u (OEL TWA) [ppm] | 496 ppm |
| Netherlands | TGG-15min (OEL STEL) | 1500 mg/m ³ |
| Netherlands | TGG-15min (OEL STEL) [ppm] | 783 ppm |
| United Kingdom | WEL TWA (OEL TWA) [1] | 766 mg/m ³ |
| United Kingdom | WEL TWA (OEL TWA) [2] | 400 ppm |
| United Kingdom | WEL STEL (OEL STEL) | 958 mg/m ³ |
| United Kingdom | WEL STEL (OEL STEL) [ppm] | 500 ppm |

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

| |
|--|
| Hand protection: |
| Protective gloves |
| Eye protection: |
| Safety glasses |
| Skin and body protection: |
| Wear suitable protective clothing |
| Respiratory protection: |
| [In case of inadequate ventilation] wear respiratory protection. |

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------|
| Physical state : | Liquid |
| Appearance : | Liquid under pressure. |
| Colour : | light yellow. |
| Odour : | characteristic. |
| Odour threshold : | No data available |
| pH : | No data available |
| Relative evaporation rate (butylacetate=1) : | No data available |
| Melting point : | Not applicable |
| Freezing point : | No data available |

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| | |
|---|---|
| Boiling point : | No data available |
| Flash point : | No data available |
| Auto-ignition temperature : | No data available |
| Decomposition temperature : | No data available |
| Flammability : | Extremely flammable aerosol. |
| Vapour pressure : | No data available |
| Relative vapour density at 20°C : | No data available |
| Relative density : | No data available |
| Solubility : | No data available |
| Partition coefficient n-octanol/water (Log Pow): | No data available |
| Viscosity, kinematic : | No data available |
| Viscosity, dynamic : | No data available |
| Explosive properties : | Pressurised container: May burst if heated. |
| Oxidising properties : | No data available |
| Explosive limits : | No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Harmful if inhaled.

ATE CLP (gases)

9081.736 ppmv/4h

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| dimethyl ether (115-10-6) | |
|-----------------------------|--|
| LC50 Inhalation - Rat [ppm] | 164000 ppm (4 h, Rat, Male, Experimental value, Inhalation (gases), 14 day(s)) |

| Reaction products of phosphoryl trichloride and 2-methyloxirane | |
|---|---|
| LC50 Inhalation - Rat | > 7 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: OECD Guideline 433 draft (Acute Inhalation Toxicity: Fixed Concentration Procedure) (not officially approved) |

Skin corrosion/irritation :

Causes skin irritation.

Serious eye damage/irritation :

Causes serious eye irritation.

Respiratory or skin sensitisation :

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity :

Not classified

Carcinogenicity :

Suspected of causing cancer.

| Polymethylene polyphenyl isocyanate (9016-87-9) | |
|---|----------------------|
| IARC group | 3 - Not classifiable |

Reproductive toxicity :

May cause harm to breast-fed children.

STOT-single exposure :

May cause respiratory irritation.

STOT-repeated exposure :

May cause damage to organs through prolonged or repeated exposure.

| Reaction products of phosphoryl trichloride and 2-methyloxirane | |
|---|--|
| LOAEL (oral, rat, 90 days) | ≈ 99 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: other: |
| NOAEL (oral, rat, 90 days) | ≈ 85 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other: |

Aspiration hazard :

Not classified

| Selsil Stone and Brick Adhesive | |
|---------------------------------|---------|
| Vaporizer | Aerosol |

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general :

May cause long lasting harmful effects to aquatic life.

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Hazardous to the aquatic environment, short-term (acute) :

Not classified.

Hazardous to the aquatic environment, long-term (chronic) :

May cause long lasting harmful effects to aquatic life.

| dimethyl ether (115-10-6) | |
|---------------------------|--|
| LC50 - Fish [1] | > 4100 mg/l (NEN 6504: Water - Determination of toxicity with <i>Poecilia reticulata</i> , 96 h, <i>Poecilia reticulata</i> , Semi-static system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1] | > 4400 mg/l (NEN 6501: Water - Determination of toxicity with <i>Daphnia magna</i> , 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, Lethal) |
| EC50 96h - Algae [1] | 154.9 mg/l (ECOSAR v1.00, Algae, QSAR, Estimated value) |

| Reaction products of phosphoryl trichloride and 2-methyloxirane | |
|---|--|
| LC50 - Fish [1] | 56.2 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i>) |
| EC50 - Crustacea [1] | 209 mg/l Test organisms (species): <i>Daphnia magna</i> |
| EC50 72h - Algae [1] | 82 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i>) |
| NOEC (chronic) | 32 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d' |

12.2. Persistence and degradability

| dimethyl ether (115-10-6) | |
|-------------------------------|---|
| Persistence and degradability | Non degradable in the soil. Not readily biodegradable in water. |

12.3. Bioaccumulative potential

| dimethyl ether (115-10-6) | |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 0,1 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| dimethyl ether (115-10-6) | |
|---------------------------|-------------------------------------|
| Surface tension | No data available in the literature |
| Ecology - soil | Not applicable (gas). |

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12.5. Results of PBT and vPvB assessment

| Component | |
|---|---|
| dimethyl ether (115-10-6) | This substance/mixture does not meet the PBT \ criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
| alkanes, C14-17, chloro; chlorinated paraffins, C14-17 (85535-85-9) | This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII |

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods :

Dispose of contents/container in accordance with licensed collector's sorting instructions.

Ecology - waste materials :

Avoid release to the environment.

European List of Waste (LoW) code :

08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

14 06 03* - other solvents and solvent mixtures

15 01 11* - metallic packaging containing a dangerous solid porous matrix (e.g. asbestos), including empty pressure containers

R code/ D code :

R13 - Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where the waste is produced)

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|-----------------------|----------------------------------|-----------------------|-----------------------|
| 14.1. UN number | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shipping name | | | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable | AEROSOLS | AEROSOLS |
| Transport document description | | | | |
| UN 1950 AEROSOLS, 2.1, (D) | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 | UN 1950 AEROSOLS, 2.1 | UN 1950 AEROSOLS, 2.1 |
| 14.3. Transport hazard class(es) | | | | |
| 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 14.4. Packing group | | | | |

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| | | | | |
|---|---|------------------------------------|------------------------------------|------------------------------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport
Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207
Special packing provisions (ADR) : PP87, RR6, L2
Mixed packing provisions (ADR) : MP9
Transport category (ADR) : 2
Special provisions for carriage -
Packages (ADR) : V14
Special provisions for carriage - Loading,
unloading and handling (ADR) : CV9, CV12
Special provisions for carriage -
Operation (ADR) : S2
Tunnel restriction code (ADR) : D
Transport by sea
Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69
Air transport
PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity
(IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg
Special provisions (IATA) : A145, A167, A802
ERG code (IATA) : 10L
Inland waterway transport
Classification code (ADN) : 5F
Special provisions (ADN) : 190, 327, 344, 625
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E0
Equipment required (ADN) : PP, EX, A

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| | |
|--|--------------------|
| Ventilation (ADN) : | VE01, VE04 |
| Number of blue cones/lights (ADN) : | 1 |
| Rail transport | |
| Classification code (RID) : | 5F |
| Special provisions (RID) : | 190, 327, 344, 625 |
| Limited quantities (RID) : | 1L |
| Excepted quantities (RID) : | E0 |
| Packing instructions (RID) : | P207, LP200 |
| Special packing provisions (RID) : | PP87, RR6, L2 |
| Mixed packing provisions (RID) : | MP9 |
| Transport category (RID) : | 2 |
| Special provisions for carriage – Packages (RID) : | W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) : | CW9, CW12 |
| Colis express (express parcels) (RID) : | CE2 |
| Hazard identification number (RID) : | 23 |

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains substance(s) listed on the REACH Candidate List in concentrations $\geq 0.1\%$ or SCL: Medium-chain chlorinated paraffins (MCCP) (EC 287-477-0, CAS 85535-85-9)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

15.1.2. National regulations

Germany

Regulatory reference : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) :

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen :

alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed

SZW-lijst van mutagene stoffen : alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding :

alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid :

None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling :

None of the components are listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Persons suffering from asthma or eczema and persons who have chronic lung diseases, skin or respiratory allergies to isocyanates should not work with the material

SAFETY DATA SHEET

ACCORDING TO THE REACH REGULATION (EC) 1907/2006 AMENDED BY
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The requirements from the Danish Working Environment Authorities regarding work with epoxy resins and isocyanates must be observed during use and disposal

The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

Switzerland

Storage class (LK): LK 2 - Liquefied or pressurized gases

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Modified.

Abbreviations and acronyms:

LC50 Inhalation - Mouse

LC50 Inhalation - Mouse [ppm]

LC50 fish 1

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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

ATE Acute Toxicity Estimate

BCF Bioconcentration factor

BLV Biological limit value

BOD Biochemical oxygen demand (BOD)

COD Chemical oxygen demand (COD)

DMEL Derived Minimal Effect level

DNEL Derived-No Effect Level

EC-No. European Community number

EC50 Median effective concentration

EN European Standard

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IMDG International Maritime Dangerous Goods

LC50 Median lethal concentration

LD50 Median lethal dose

LOAEL Lowest Observed Adverse Effect Level

NOAEC No-Observed Adverse Effect Concentration

NOAEL No-Observed Adverse Effect Level

NOEC No-Observed Effect Concentration

OECD Organisation for Economic Co-operation and Development

OEL Occupational Exposure Limit

PBT Persistent Bioaccumulative Toxic

PNEC Predicted No-Effect Concentration

RID Regulations concerning the International Carriage of Dangerous Goods by Rail

SDS Safety Data Sheet

STP Sewage treatment plant

ThOD Theoretical oxygen demand (ThOD)

TLM Median Tolerance Limit

VOC Volatile Organic Compounds

CAS-No. Chemical Abstract Service number

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N.O.S. Not Otherwise Specified

vPvB Very Persistent and Very Bioaccumulative

ED Endocrine disrupting properties

Data sources : Classification according to Regulation (EC) No. 1272/2008 [CLP], REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation) Acute toxicity (inhal.), Category 4

Acute Tox. 4 (Inhalation:gas) Acute toxicity (inhalation:gas) Category 4

Acute Tox. 4 (Oral) Acute toxicity (oral), Category 4

Aerosol 1 Aerosol, Category 1

Aquatic Acute 1 Hazardous to the aquatic environment – Acute Hazard, Category 1

Aquatic Chronic 1 Hazardous to the aquatic environment – Chronic Hazard, Category 1

Aquatic Chronic 4 Hazardous to the aquatic environment – Chronic Hazard, Category 4

Carc. 2 Carcinogenicity, Category 2

EUH204 Contains isocyanates. May produce an allergic reaction.

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Flam. Gas 1A Flammable gases, Category 1A

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H362 May cause harm to breast-fed children.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

Lact. Reproductive toxicity, Additional category, Effects on or via lactation

Press. Gas Gases under pressure

Resp. Sens. 1 Respiratory sensitisation, Category 1

Skin Irrit. 2 Skin corrosion/irritation, Category 2

Skin Sens. 1 Skin sensitisation, Category 1

STOT RE 2 Specific target organ toxicity – Repeated exposure, Category 2

STOT SE 3 Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

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Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

SDS EU (Final)

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable