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SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

EASY PRINT FLUX

Creation date 11. March 2019
Revision date Version 1.0

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

- 1.1. Product identifier**
Substance / mixture EASY PRINT FLUX
mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use Flux agent.
Mixture uses advised against The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
- Manufacturer**
- | | |
|-----------------------------|-----------------------------------------|
| Name or trade name | AG TermoPasty Grzegorz Gąsowski |
| Address | Kolejowa 33 E, Sokoły, 18-218
Poland |
| Identification number (CRN) | 200133730 |
| VAT Reg No | 9661767714 |
| Phone | 862741342 |
| E-mail | biuro@termopasty.pl |
| Web address | www.termopasty.pl |
- Competent person responsible for the safety data sheet**
- | | |
|--------|---------------------------------|
| Name | AG TermoPasty Grzegorz Gąsowski |
| E-mail | biuro@termopasty.pl |
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

2.1. Substance or mixture classification

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Sens. 1, H317
Eye Irrit. 2, H319
Repr. 1B, H360Df
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

May cause an allergic skin reaction. Causes serious eye irritation. May damage the unborn child. Suspected of damaging fertility. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

rosin; colophony
1,2-bis(2-methoxyethoxy) ethane

Hazard statements

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H412	Harmful to aquatic life with long lasting effects.

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Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 650-015-00-7 CAS: 8050-09-7 EC: 232-475-7 Registration number: 01-2119480418-32-XXXX	rosin; colophony	20-30	Skin Sens. 1, H317	1
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6	2-(2-butoxyethoxy) ethanol	<15	Eye Irrit. 2, H319	1, 3
CAS: 8000-41-7 EC: 232-268-1	Terpineol	<6	Skin Irrit. 2, H315	
CAS: 557-66-4 EC: 209-182-8	Ethylamine hydrochloride	<5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
CAS: 68131-39-5	Alcohols, C12-15, Ethoxylated	<5	Acute Tox. 4, H302 Aquatic Acute 1, H400	
CAS: 68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	<5	Acute Tox. 4, H302+H312+H332	
CAS: 98-98-6 EC: 202-719-7	2-Picolinic acid	<5	Eye Irrit. 2, H319	
CAS: 112-49-2 EC: 203-977-3	1,2-bis(2-methoxyethoxy) ethane	<3	Eye Irrit. 2, H319 Repr. 1B, H360Df	2, 3
CAS: 6920-22-5 EC: 230-029-6	1,2-Dihydroxyhexane	1-3	Eye Irrit. 2, H319	

Notes

- 1 Substance for which exposure limits of Community for working environment exist.
- 2 Substance of very high concern - SVHC.
- 3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

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Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

Ingestion

Provide medical treatment. For persons with no symptoms, call the Toxicological Information Centre to decide about the need of medical treatment; provide information about the substances or composition of the product from the original packaging or the Safety Data Sheet of the product.

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

Inhalation

Not expected.

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye irritation.

Ingestion

Irritation, nausea.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Use a self-contained breathing apparatus and full-body protective clothing. Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Obtain special instructions before use. Wash hands and exposed parts of the body thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-(2-butoxyethoxy) ethanol (CAS: 112-34-5)	OEL	8 hours	67,5 mg/m ³		EU limits
	OEL	8 hours	10 ppm		
	OEL	Short-term	101,2 mg/m ³		
	OEL	Short-term	15 ppm		

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
rosin; colophony (CAS: 8050-09-7)	WEL	8 hours	0,05 mg/m ³	Capable of causing occupational asthma.	GBR
	WEL	15 minutes	0,15 mg/m ³	Capable of causing occupational asthma.	
2-(2-butoxyethoxy) ethanol (CAS: 112-34-5)	WEL	8 hours	67,5 mg/m ³		GBR
	WEL	15 minutes	101,2 mg/m ³		
	WEL	8 hours	10 ppm		
	WEL	15 minutes	15 ppm		

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DNEL

1,2-bis(2-methoxyethoxy) ethane

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	6.25 mg/kg bw/day		
Workers	Inhalation	80.4 mg/m ³		

2-(2-butoxyethoxy) ethanol

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Inhalation	101.2 mg/m ³	Local acute effects	
Workers	Inhalation	67.5 mg/m ³	Local chronic effects	
Workers	Dermal	83 mg/kg	Systemic chronic effects	
Workers	Inhalation	67.5 mg/m ³	Systemic chronic effects	

rosin; colophony

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	17 mg/kg bw/day	Systemic chronic effects	
Workers	Inhalation	117 mg/m ³	Systemic chronic effects	
Consumers	Oral	10 mg/kg bw/day	Systemic chronic effects	
Consumers	Dermal	10 mg/kg bw/day	Systemic chronic effects	
Consumers	Inhalation	35 mg/m ³	Systemic chronic effects	

PNEC

1,2-bis(2-methoxyethoxy) ethane

Route of exposure	Value	Determining method
Drinking water	6.4 mg/l	
Freshwater sediment	26.6 mg/kg of dry substance of sediment	
Seawater	6.40.64 mg/l	
Sea sediments	2.66 mg/kg of dry substance of sediment	
Water (occasional leak)	50 mg/l	
Microorganisms in wastewater treatment plants	50 mg/l	
Soil (agricultural)	1.75 mg/kg	

2-(2-butoxyethoxy) ethanol

Route of exposure	Value	Determining method
Seawater	1.1 mg/l	
Microorganisms in wastewater treatment plants	200 mg/l	
Freshwater sediment	4.4 mg/kg	
Sea sediments	0.44 mg/kg	
Drinking water	56 mg/kg	
Soil (agricultural)	0.32 mg/kg	

rosin; colophony

Route of exposure	Value	Determining method
Drinking water	0.002 mg/l	
Seawater	0.0005 mg/l	
Freshwater sediment	0.007 mg/kg of dry substance	

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rosin; colophony

Route of exposure	Value	Determining method
Sea sediments	0.0108 mg/kg of dry substance	
Soil (agricultural)	21.4 mg/kg of dry substance	
Microorganisms in wastewater treatment plants	1000 mg/l	

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles.

Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
Physical state	liquid at 20°C
color	yellow
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	data not available
Evaporation rate	not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	not available
solubility in fats	not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available

9.2. Other information

Density	data not available
ignition temperature	data not available

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SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

1,2-bis(2-methoxyethoxy) ethane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀		5390 mg/kg		Rat		
Skin	LD ₅₀		>6900 mg/kg		Rat		

1,2-Dihydroxyhexane

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀	OECD 401	5.339-6.470 mg/kg		Rat (Rattus norvegicus)	M	
Oral	LD ₅₀	OECD 401	6.166 mg/kg		Rat (Rattus norvegicus)	F	

2-(2-butoxyethoxy) ethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀		5.660 mg/kg		Rat (Rattus norvegicus)		TOXNET
Dermal	LD ₅₀		2.700 mg/kg		Rabbit		TOXNET

Alcohols, C12-15, Ethoxylated

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀		2000 mg/kg		Rat (Rattus norvegicus)		

rosin; colophony

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀		7600 mg/kg		Rat		

Terpineol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Source
Oral	LD ₅₀		4300 mg/kg		Rat (Rattus norvegicus)		

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Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

May damage the unborn child. Suspected of damaging fertility.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Repeated dose toxicity

1,2-Dihydroxyhexane

Route of exposure	Parameter	Result	Method	Value	Time of exposure	Species	Sex
Oral	NOAEL			500 mg/kg		Rat (<i>Rattus norvegicus</i>)	
Oral	NOAEL		OECD 411	700 mg/kg		Rat	

Aspiration hazard

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

1,2-bis(2-methoxyethoxy) ethane

Parameter	Method	Value	Time of exposure	Species	Environment	Source
LC ₅₀	OECD 203	>5000 mg/l	96 hour	Fishes (Zebra fish)	Freshwater	
EC ₅₀	OECD 202	>5000 mg/l	48 hour	Daphnia		
EC ₅₀	OECD 201	>6000 mg/l	72 hour	Algae		

2-(2-butoxyethoxy) ethanol

Parameter	Method	Value	Time of exposure	Species	Environment	Source
EC ₅₀		>100 mg/l	48 hour	Daphnia magna		
LC ₅₀		2.750 mg/l	48 hour	Leuciscus idus		

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Alcohols, C12-15, Ethoxylated

Parameter	Method	Value	Time of exposure	Species	Environment	Source
LC ₅₀		3620 µg/l	96 hour	Fishes (Pimephales promelas)		
EC ₅₀		1400 µg/l	48 hour	Invertebrates (Daphnia magna)		
EC ₅₀		0.7 mg/l	96 hour	Algae and other aquatic plants (Pseudokirchneriella subcapitata)		
NOEC		83 µg/l	21 day	Invertebrates (Daphnia magna)	Freshwater	

rosin; colophony

Parameter	Method	Value	Time of exposure	Species	Environment	Source
LC ₅₀	OECD 203	60.3 mg/l	96 hour	Branchydanio rerio		Scheerbaum D

12.2. Persistence and degradability

Biodegradability

1,2-bis(2-methoxyethoxy) ethane

Parameter	Value	Time of exposure	Environment	Result
				Hardly biodegradable

2-(2-butoxyethoxy) ethanol

Parameter	Value	Time of exposure	Environment	Result
				Easily biodegradable

rosin; colophony

Parameter	Value	Time of exposure	Environment	Result
	80 %	28 day		Easily biodegradable

Not available.

12.3. Bioaccumulative potential

1,2-bis(2-methoxyethoxy) ethane

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	-0.48				

2-(2-butoxyethoxy) ethanol

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Kow	0.56				25°C

rosin; colophony

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	1.9-7.7				

Not available.

12.4. Mobility in soil

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Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

SECTION 14: Transport information

14.1. UN number

Not subject to ADR.

14.2. UN proper shipping name

not available

14.3. Transport hazard class(es)

not available

14.4. Packing group

not available

14.5. Environmental hazards

not available

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th 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, as amended.

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Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

1,2-bis(2-methoxyethoxy) ethane

Restriction	Conditions of restriction
30	<p>Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:</p> <ol style="list-style-type: none">Shall not be placed on the market, or used,<ul style="list-style-type: none">as substances,as constituents of other substances, or,in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:<ul style="list-style-type: none">either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008. <p>Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:</p> <p>"Restricted to professional users".</p> <ol style="list-style-type: none">By way of derogation, paragraph 1 shall not apply to:<ol style="list-style-type: none">medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;cosmetic products as defined by Directive 76/768/EEC;the following fuels and oil products:<ul style="list-style-type: none">motor fuels which are covered by Directive 98/70/EC,mineral oil products intended for use as fuel in mobile or fixed combustion plants,fuels sold in closed systems (e.g. liquid gas bottles);artists' paints covered by Regulation (EC) No 1272/2008;the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.

2-(2-butoxyethoxy) ethanol

Restriction	Conditions of restriction
55	<ol style="list-style-type: none">Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight.Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows:<p>"Do not use in paint spraying equipment".</p>

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360Df	May damage the unborn child. Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.

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Guidelines for safe handling used in the safety data sheet

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P337+P313 If eye irritation persists: Get medical advice/attention.

A list of additional standard phrases used in the safety data sheet

EUH 019 May form explosive peroxides.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road
BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL Derived no-effect level
EC Identification code for each substance listed in EINECS
EC₅₀ Concentration of a substance when it is affected 50% of the population
EINECS European Inventory of Existing Commercial Chemical Substances
EmS Emergency plan
EU European Union
IATA International Air Transport Association
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC₅₀ Concentration causing 50% blockade
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LC₅₀ Lethal concentration of a substance in which it can be expected death of 50% of the population
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC Lowest observed adverse effect concentration
LOAEL Lowest observed adverse effect level
log K_{ow} Octanol-water partition coefficient
MARPOL International Convention for the Prevention of Pollution From Ships
NOAEC No observed adverse effect concentration
NOAEL No observed adverse effect level
NOEC No observed effect concentration
NOEL No observed effect level
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted no-effect concentration
ppm Parts per million
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals
RID Agreement on the transport of dangerous goods by rail
UN Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB Substances of unknown or variable composition, complex reaction products or biological materials
VOC Volatile organic compounds
vPvB Very Persistent and very Bioaccumulative
Acute Tox. Acute toxicity
Aquatic Acute Hazardous to the aquatic environment

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

EASY PRINT FLUX

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Aquatic Chronic	Hazardous to the aquatic environment
Eye Irrit.	Eye irritation
Repr.	Reproductive toxicity
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.