SAFETY DATA SHEET

Based upon Regulation (EC) No 1907/2006, as amended by Regulation (EU) No 2015/830

Soudal Mitre Kit, Adhesive

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

1.1. Product identifier

Product name : Soudal Mitre Kit, Adhesive
Registration number REACH : Not applicable (mixture)
Product type REACH : Mixture

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

1.2.1 Relevant identified uses

Adhesive

1.2.2 Uses advised against

No uses advised against known

1.3. Details of the supplier of the safety data sheet

Supplier of the safety data sheet

SOUDAL N.V.
Everdongenlaan 18-20
B-2300 Turnhout
☎ +32 14 42 42 31
 +32 14 42 65 14
msds@soudal.com

Manufacturer of the product

SOUDAL N.V.
Everdongenlaan 18-20
B-2300 Turnhout
☎ +32 14 42 42 31
 +32 14 42 65 14
msds@soudal.com

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):
+32 14 58 45 45 (BIG)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Eye Irrit.	category 2	H319: Causes serious eye irritation.
STOT SE	category 3	H335: May cause respiratory irritation.
Skin Irrit.	category 2	H315: Causes skin irritation.

2.2. Label elements

Signal word Warning

H-statements

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H315 Causes skin irritation.

P-statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves, protective clothing and eye protection/face protection.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302 + P352 IF ON SKIN: Wash with plenty of water and soap.
P362 + P364 Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

Supplemental information

EUH202	Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.3. Other hazards

Warning! Product may cause floors to be slippery

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
ethyl 2-cyanoacrylate	7085-85-0 230-391-5	C>25 %	Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315	(1)(2)(8)(10)	Constituent
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 01-2119496065-33	119-47-1 204-327-1	0.1%<C<1%	Repr. 2; H361f	(1)	Constituent

(1) For H-statements in full: see heading 16
(2) Substance with a Community workplace exposure limit
(8) Specific concentration limits, see heading 16
(10) Subject to restrictions of Annex XVII of Regulation (EC) No. 1907/2006

SECTION 4: First aid measures

4.1. Description of first aid measures

General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

After skin contact:

Do not pull surfaces apart with a direct opposing action. Immerse the bonded surfaces in warm, soapy water. Peel or roll surfaces apart with a blunt edge, e.g. spatula. Do not apply (chemical) neutralizing agents. Take victim to a doctor if irritation persists.

After eye contact:

Do not try to open the eyes by manipulation. Wash thoroughly with warm water. Apply a moist gauze patch. Take victim to an ophthalmologist.

After ingestion:

Do not try to pull the lips with a direct opposing action. Apply lots of warm water and saliva. Consult a doctor/medical service if you feel unwell.

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

4.2.1 Acute symptoms

After inhalation:

Dry/sore throat. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Coughing. EXPOSURE TO HIGH CONCENTRATIONS: Respiratory difficulties.

After skin contact:

Red skin. Tingling/irritation of the skin.

After eye contact:

Irritation of the eye tissue.

After ingestion:

No effects known.

4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

SECTION 5: Firefighting measures

5.1. Extinguishing media

5.1.1 Suitable extinguishing media:

Water spray. BC powder. Carbon dioxide. Polyvalent foam.

5.1.2 Unsuitable extinguishing media:

Solid water jet ineffective as extinguishing medium.

5.2. Special hazards arising from the substance or mixture

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

5.3. Advice for firefighters

5.3.1 Instructions:

Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.

5.3.2 Special protective equipment for fire-fighters:

Gloves. Face-shield. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No naked flames.

6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

6.1.2 Protective equipment for emergency responders

Gloves. Face-shield. Protective clothing.

Suitable protective clothing

See heading 8.2

6.2. Environmental precautions

Contain released product. Use appropriate containment to avoid environmental contamination.

6.3. Methods and material for containment and cleaning up

Liquid spill: allow to react with an excess of water. Allow product to solidify and remove it by mechanical means. Wash clothing and equipment after handling.

6.4. Reference to other sections

See heading 13.

SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

7.1. Precautions for safe handling

Keep away from naked flames/heat. Gas/vapour heavier than air at 20°C. Observe strict hygiene. Keep container tightly closed. Remove contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

7.2.1 Safe storage requirements:

Storage temperature: 2 °C - 8 °C. Store in a cool area. Store in a dry area. Ventilation at floor level. Keep out of direct sunlight. Keep only in the original container. Meet the legal requirements. Max. storage time: 1 year(s).

7.2.2 Keep away from:

Heat sources, oxidizing agents, (strong) bases, (strong) acids, alcohols, amines, water/moisture.

7.2.3 Suitable packaging material:

Polyethylene.

7.2.4 Non suitable packaging material:

No data available

7.3. Specific end use(s)

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 Occupational exposure

a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

Belgium

2-Cyanoacrylate d'éthyle	Time-weighted average exposure limit 8 h	0.2 ppm
	Time-weighted average exposure limit 8 h	1.04 mg/m³

The Netherlands

Ethyl(2-)cyaanacrylaat	Short time value (Private occupational exposure limit value)	0.29 ppm
	Short time value (Private occupational exposure limit value)	1.5 mg/m³

UK

Ethyl cyanoacrylate	Short time value (Workplace exposure limit (EH40/2005))	0.3 ppm
	Short time value (Workplace exposure limit (EH40/2005))	1.5 mg/m³

USA (TLV-ACGIH)

Ethyl cyanoacrylate	Time-weighted average exposure limit 8 h (TLV - Adopted Value)	0.2 ppm

b) National biological limit values

If limit values are applicable and available these will be listed below.

8.1.2 Sampling methods

If applicable and available it will be listed below.

Ethyl 2-Cyanoacrylate	OSHA	55

8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

8.1.4 DNEL/PNEC values

DNEL/DMEL - Workers

ethyl 2-cyanoacrylate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	9.25 mg/m³	
	Long-term systemic effects inhalation	9.25 mg/m³	

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	4.48 mg/m³	
	Acute systemic effects inhalation	22.4 mg/m³	
	Long-term systemic effects dermal	0.635 mg/kg bw/day	
	Acute systemic effects dermal	3.175 mg/kg bw/day	

DNEL/DMEL - General population

ethyl 2-cyanoacrylate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term local effects inhalation	9.25 mg/m³	
	Long-term systemic effects inhalation	9.25 mg/m³	

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	1.1 mg/m³	
	Acute systemic effects inhalation	5.5 mg/m³	
	Long-term systemic effects dermal	0.318 mg/kg bw/day	
	Acute systemic effects dermal	1.59 mg/kg bw/day	
	Long-term systemic effects oral	0.318 mg/kg bw/day	
	Acute systemic effects oral	1.59 mg/kg bw/day	

PNEC

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Compartments	Value	Remark
Oral	10 mg/kg food	

8.1.5 Control banding

If applicable and available it will be listed below.

8.2. Exposure controls

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

8.2.2 Individual protection measures, such as personal protective equipment

Observe strict hygiene. Keep container tightly closed. Do not eat, drink or smoke during work.

a) Respiratory protection:

Wear gas mask with filter type A if conc. in air > exposure limit.

b) Hand protection:

Gloves.

Materials	Breakthrough time	Thickness
nitrile rubber	> 30 minutes	>0.4 mm

- materials (good resistance)

Nitrile rubber.

c) Eye protection:

Face shield.

d) Skin protection:

Protective clothing.

8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical form	Liquid
Odour	Irritating/pungent odour
Odour threshold	No data available
Colour	Colourless
Particle size	Not applicable
Explosion limits	No data available
Flammability	Material presenting a fire hazard
Log Kow	Not applicable (mixture)
Dynamic viscosity	No data available
Kinematic viscosity	No data available
Melting point	No data available
Boiling point	> 149 °C
Flash point	80 °C - 93 °C
Evaporation rate	No data available
Relative vapour density	> 2
Vapour pressure	< 700 hPa ; 50 °C
Solubility	water ; reacts
Relative density	1.05
Decomposition temperature	No data available
Auto-ignition temperature	No data available
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	No data available

9.2. Other information

Absolute density	1050 kg/m³

SECTION 10: Stability and reactivity

10.1. Reactivity

Temperature above flashpoint: higher fire/explosion hazard.

10.2. Chemical stability

Unstable on exposure to moisture.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Keep away from naked flames/heat.

10.5. Incompatible materials

Oxidizing agents, (strong) bases, (strong) acids, alcohols, amines, water/moisture.

10.6. Hazardous decomposition products

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, carbon monoxide - carbon dioxide).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1.1 Test results

Acute toxicity

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

ethyl 2-cyanoacrylate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50	Equivalent to OECD 401	> 5000 mg/kg bw		Rat (male)	Experimental value	
Skin	LD50	Equivalent to OECD 402	> 2000 mg/kg bw	24 h	Rabbit (male)	Experimental value	

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		> 10000 mg/kg bw		Rat (male)	Experimental value	
Dermal	LD50		> 10000 mg/kg bw	24 h	Rabbit (male)	Experimental value	
Inhalation						Data waiving	

Judgement is based on the relevant ingredients

Conclusion

Not classified for acute toxicity

Corrosion/irritation

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

ethyl 2-cyanoacrylate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Irritating	Equivalent to OECD 405	72 h	24; 48; 72 hours	Rabbit	Experimental value	
Skin	Slightly irritating	Equivalent to OECD 404	24 h	24; 72 hours	Rabbit	Experimental value	
Inhalation	Irritating; STOT SE cat.3					Literature study	

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Not irritating	OECD 405		24; 48; 72 hours	Rabbit	Experimental value	Single treatment
Skin	Not irritating	OECD 404	4 h	24; 48; 72 hours	Rabbit	Experimental value	

Classification is based on the relevant ingredients

Conclusion

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

Specific target organ toxicity, single exposure: classified as irritant to respiratory organs

Respiratory or skin sensitisation

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 429			Mouse (female)	Experimental value	

Judgement is based on the relevant ingredients

Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

Specific target organ toxicity

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral (diet)	NOAEL		12.7 mg/kg bw/day	Liver	No effect	18 month(s)	Rat (male)	Experimental value
Oral (diet)	LOAEL		42.3 mg/kg bw/day	Liver; testes	Enlargement/affection of the liver	18 month(s)	Rat (male)	Experimental value
Oral (diet)	NOAEL		15.1 mg/kg bw/day	Liver; testes	No effect	18 month(s)	Rat (female)	Experimental value
Oral (diet)	LOAEL		54.2 mg/kg bw/day	Liver	Enlargement/affection of the liver	18 month(s)	Rat (female)	Experimental value
Dermal								Data waiving
Inhalation								Data waiving

Judgement is based on the relevant ingredients

Conclusion

Not classified for subchronic toxicity

Mutagenicity (in vitro)

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

ethyl 2-cyanoacrylate

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	OECD 473	Human lymphocytes	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 476	Mouse (lymphoma L5178Y cells)	No effect	Experimental value

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Result	Method	Test substrate	Effect	Value determination
Negative with metabolic activation, negative without metabolic activation	OECD 476	Chinese hamster lung fibroblasts (V79)	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 473	CHL/IU cells	No effect	Experimental value
Negative with metabolic activation, negative without metabolic activation	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value

Mutagenicity (in vivo)

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Result	Method	Exposure time	Test substrate	Organ	Value determination
Negative	OECD 474		Mouse (male/female)	Bone marrow	Inconclusive, insufficient data

Judgement is based on the relevant ingredients

Conclusion

Not classified for mutagenic or genotoxic toxicity

Carcinogenicity

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Oral	NOAEL	Carcinogenic toxicity study	42.3 mg/kg bw/day	18 month(s)	Rat (male/female)	No carcinogenic effect		Experimental value

Judgement is based on the relevant ingredients

Conclusion

Not classified for carcinogenicity

Reproductive toxicity

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL	OECD 421	50 mg/kg bw/day	40 day(s) - 48 day(s)	Rat	No effect	Foetus	Experimental value
	LOAEL	OECD 421	200 mg/kg bw/day	40 day(s) - 48 day(s)	Rat	Mortality	Foetus	Experimental value
Maternal toxicity	NOAEL	OECD 421	50 mg/kg bw/day	40 day(s) - 48 day(s)	Rat	No effect		Experimental value
	LOAEL	OECD 421	200 mg/kg bw/day	40 day(s) - 48 day(s)	Rat	Reduced body weight and food consumption	General	Experimental value
Effects on fertility	NOAEL	OECD 421	12.5 mg/kg bw/day	50 day(s) - 52 day(s)	Rat (male)	No effect	Male reproductive organ	Experimental value
	LOAEL	OECD 421	50 mg/kg bw/day	50 day(s) - 52 day(s)	Rat (male)	Reproductive performance	Male reproductive organ	Experimental value
	NOAEL	OECD 421	50 mg/kg bw/day	40 day(s) - 48 day(s)	Rat (female)	No effect	Female reproductive organ	Experimental value
	LOAEL	OECD 421	200 mg/kg bw/day	40 day(s) - 48 day(s)	Rat (female)	Reproductive performance	Female reproductive organ	Experimental value

Judgement is based on the relevant ingredients

Conclusion

Not classified for reprotoxic or developmental toxicity

Toxicity other effects

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

Chronic effects from short and long-term exposure

Soudal Mitre Kit, Adhesive

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT: Skin rash/inflammation.

SECTION 12: Ecological information

12.1. Toxicity

Soudal Mitre Kit, Adhesive

No (test)data on the mixture available

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	> 5 mg/l	96 h	Oryzias latipes	Semi-static system	Fresh water	Experimental value; GLP
Acute toxicity crustacea	EC50	OECD 202	> 4.8 mg/l	48 h	Daphnia magna	Static system	Fresh water	Experimental value; GLP
Toxicity algae and other aquatic plants	EC50	OECD 201	> 5 mg/l	72 h	Selenastrum capricornutum	Static system	Fresh water	Experimental value; GLP
Long-term toxicity fish								Data waiving
Long-term toxicity aquatic crustacea	NOEC	OECD 202	0.34 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; GLP
	LOEC	OECD 202	0.89 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; GLP
Toxicity aquatic micro-organisms	EC50	OECD 209	> 10000 mg/l	3 h	Activated sludge	Static system	Fresh water	Experimental value

Classification of the mixture is based on the relevant ingredients

Conclusion

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

Not classified as dangerous for the environment according to the criteria of Directive 1999/45/EC

12.2. Persistence and degradability

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

Biodegradation water

Method	Value	Duration	Value determination
OECD 301C: Modified MITI Test (I)	0 %; Oxygen consumption	28 day(s)	Experimental value

Phototransformation air (DT50 air)

Method	Value	Conc. OH-radicals	Value determination
SRC AOP v1.92	9.42 h	500000 /cm³	Calculated value

Conclusion

No test data of component(s) available

12.3. Bioaccumulative potential

Soudal Mitre Kit, Adhesive

Log Kow

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

ethyl 2-cyanoacrylate

Log Kow

Method	Remark	Value	Temperature	Value determination
EU Method A.8		0.776	22 °C	Experimental value

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

BCF fishes

Parameter	Method	Value	Duration	Species	Value determination
BCF	OECD 305	320 - 840	60 day(s)	Cyprinus carpio	Experimental value

Log Kow

Method	Remark	Value	Temperature	Value determination
OECD 107		6.25	20 °C	

Conclusion

No test data of component(s) available

12.4. Mobility in soil

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

(log) Koc

Parameter	Method	Value	Value determination
log Koc		5.1625	QSAR
Koc		150000	QSAR

Volatility (Henry's Law constant H)

Value	Method	Temperature	Remark	Value determination
7.9 atm m³/mol				Calculated value

Conclusion

No (test)data on mobility of the components available

12.5. Results of PBT and vPvB assessment

Does not contain component(s) that meet(s) the criteria of PBT and/or vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006.

12.6. Other adverse effects

Soudal Mitre Kit, Adhesive

Fluorinated greenhouse gases (Regulation (EU) No 517/2014)

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014)

Ozone-depleting potential (ODP)

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

13.1. Waste treatment methods

13.1.1 Provisions relating to waste

European Union

Hazardous waste according to Directive 2008/98/EC.
Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).
08 04 09* (wastes from MFSU of adhesives and sealants (including waterproofing products): waste adhesives and sealants containing organic solvents or other hazardous substances). Depending on branch of industry and production process, also other waste codes may be applicable.

13.1.2 Disposal methods

Carefully stir with water. Allow waste to solidify. Remove to an authorized dump. Incinerate under surveillance with energy recovery. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Do not discharge into the sewer. Do not discharge into surface water.

13.1.3 Packaging/Container

European Union

Waste material code packaging (Directive 2008/98/EC).
15 01 10* (packaging containing residues of or contaminated by dangerous substances).

SECTION 14: Transport information

Road (ADR)

14.1. UN number

Transport	Not subject
UN number	3334

14.2. UN proper shipping name

Proper shipping name	Aviation regulated liquid, n.o.s.

14.3. Transport hazard class(es)

Hazard identification number	
Class	9
Classification code	M11

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	
Limited quantities	

Rail (RID)

14.1. UN number

Transport	Not subject
UN number	3334

14.2. UN proper shipping name

Proper shipping name	Aviation regulated liquid, n.o.s.

14.3. Transport hazard class(es)

Hazard identification number	
Class	9
Classification code	M11

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	
Limited quantities	

Inland waterways (ADN)

14.1. UN number

Transport	Not subject
UN number	3334

14.2. UN proper shipping name

Proper shipping name	Aviation regulated liquid, n.o.s.

14.3. Transport hazard class(es)

Class	9
Classification code	M11

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	
Limited quantities	

Sea (IMDG/IMSBC)

14.1. UN number

Transport	Not subject
UN number	3334

14.2. UN proper shipping name

Proper shipping name	Aviation regulated liquid, n.o.s.

14.3. Transport hazard class(es)

Class	9

14.4. Packing group

Packing group	
Labels	

14.5. Environmental hazards

Marine pollutant	-
Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	960
Limited quantities	

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

Annex II of MARPOL 73/78	

Air (ICAO-TI/IATA-DGR)

14.1. UN number

UN number	3334

14.2. UN proper shipping name

Proper shipping name	Aviation regulated liquid, n.o.s.

14.3. Transport hazard class(es)

Class	9

14.4. Packing group

Packing group	III
Labels	9

14.5. Environmental hazards

Environmentally hazardous substance mark	no

14.6. Special precautions for user

Special provisions	A27
limited quantities: maximum net quantity per packaging	30 kg G

SECTION 15: Regulatory information

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

European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
	No data available

REACH Annex XVII - Restriction

Contains component(s) subject to restrictions of Annex XVII of Regulation (EC) No 1907/2006: restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

	Designation of the substance, of the group of substances or of the mixture	Conditions of restriction
· ethyl 2-cyanoacrylate	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F; (b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10; (c) hazard class 4.1; (d) hazard class 5.1.	1. Shall not be used in: — ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays, — tricks and jokes, — games for one or more participants, or any article intended to be used as such, even with ornamental aspects,2. Articles not complying with paragraph 1 shall not be placed on the market.3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they: — can be used as fuel in decorative oil lamps for supply to the general public, and, — present an aspiration hazard and are labelled with R65 or H304,4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met: a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: “Keep lamps filled with this liquid out of the reach of children”; and, by 1 December 2010, “Just a sip of lamp oil — or even sucking the wick of lamps — may lead to life- threatening lung damage”; b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: “Just a sip of grill lighter may lead to life threatening lung damage”; c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1

		December 2010.6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.'

National legislation Belgium

Soudal Mitre Kit, Adhesive

No data available

National legislation The Netherlands

Soudal Mitre Kit, Adhesive

Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 03

National legislation France

Soudal Mitre Kit, Adhesive

No data available

National legislation Germany

Soudal Mitre Kit, Adhesive

WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

ethyl 2-cyanoacrylate

TA-Luft	5.2.5

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol

TA-Luft	5.2.5; I

National legislation United Kingdom

Soudal Mitre Kit, Adhesive

No data available

Other relevant data

Soudal Mitre Kit, Adhesive

No data available

15.2. Chemical safety assessment

No chemical safety assessment has been conducted for the mixture.

SECTION 16: Other information

Full text of any H-statements referred to under headings 2 and 3:

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H361f Suspected of damaging fertility.

(*)	INTERNAL CLASSIFICATION BY BIG
CLP (EU-GHS)	Classification, labelling and packaging (Globally Harmonised System in Europe)
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EC50	Effect Concentration 50 %
ErC50	EC50 in terms of reduction of growth rate
LC50	Lethal Concentration 50 %
LD50	Lethal Dose 50 %
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent, Bioaccumulative & Toxic
PNEC	Predicted No Effect Concentration
STP	Sludge Treatment Process
vPvB	very Persistent & very Bioaccumulative

Specific concentration limits CLP

ethyl 2-cyanoacrylate	C ≥ 10 %	STOT SE 3; H335	CLP Annex VI (ATP 0)

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