Sealant for mitre joints

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

1.1 - Product identifier

Trade name/designation	Sealant for mitre joints
Chemical name	ANTI CORRO
Product-type	Mixture
Product code	3COR001
UFI:	5710-706N-F00V-3GGP

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

Relevant identified uses - Coatings and paints, thinners, paint removers

1.3 - Details of the supplier of the safety data sheet

-Duthoo Coating Concepts
Pluim 1
8550 Zwevegem Belgium
Telephone : 0032 56 360774 Fax 0032 56 694760
Website www.duthoo.eu
Eddy Crepeele: 0032 56 360774/0032 471 410802 eddy@duthoo.eu

1.4 - Emergency telephone number

- Poison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30 Belgium

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3	Flammable liquid and vapour. - Category 3
Skin Irrit. 2	Irritation, Category 2
Eye Irrit. 2	Eye irritation - Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)
STOT RE 2	STOT-repeated exposure - Category 2

2.2 - Label elements

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

Signal word : Warning

Hazard pictograms



Hazard statements

H226	Flammable liquid and vapour
H315	Causes skin irritation
H319	Causes serious eye irritation

H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs kidneys/liver through prolonged or repeated exposure

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P312	Call a a doctor if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

EUH-phrases : None

2.3 - Other hazards

PBT-substance. - This substance meets the PBT criteria of REACH, Annex XIII.

vPvB-substance. - This substance meets the vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
xylene	CAS No. : 1330-20-7 Index No. : 601-022-00-9 EC No. : 215-535-7	>= 25 - < 50	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315	Not applicable
n-butyl acetate	CAS No. : 123-86-4 Index No. : 607-025-00-1 EC No. : 204-658-1 REACH No. : 01-2119485493-29	>= 25 - < 50	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
1-methoxy-2-propanol, monopropylene glycol methyl ether	CAS No. : 107-98-2 Index No. : 603-064-00-3 EC No. : 203-539-1	>= 2,5 - < 10	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
2-methoxy-1-methylethyl acetate	CAS No. : 108-65-6 Index No. : 607-195-00-7 EC No. : 203-603-9 REACH No. : 01-2119475791-29	>= 2,5 - < 10	Flam. Liq. 3 - H226	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation - Provide fresh air.

Following skin contact - Remove contaminated, saturated clothing immediately.
- Wash immediately with:Water

After eye contact	- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.
After ingestion	- Rinse mouth thoroughly with water.

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

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

- Treat symptomatically. Antidotal dispensation.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media	- Carbon dioxide (CO_2) - Foam - Extinguishing powder
Unsuitable extinguishing media	- Full water jet

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture	- Hazardous combustion products

5.3 - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Move undamaged containers from immediate hazard area if it can be done safely.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	- Provide adequate ventilation. - Remove all sources of ignition. - Use personal protection equipment.
For emergency responders	- Wear breathing apparatus if exposed to vapours/dusts/aerosols. - Wear personal protection equipment (refer to section 8).

6.2 - Environmental precautions

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment	- Soak up inert absorbent and dispose as waste requiring special attention.
Methods and material for cleaning up	- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4 - Reference to other sections

- Disposal: see section 13

- Personal protection equipment: see section 8
- Safe handling: see section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- Avoid:Eye contact - Avoid:Skin contact - Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. - Vapours can form explosive mixtures with air.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - When using do not eat, drink, smoke, sniff. - Work in well-ventilated zones or use proper respiratory protection.

7.2 - Conditions for safe storage, including any incompatibilities

- Ensure adequate ventilation of the storage area.
- Protect against:Heat
- Storage class : Flammable liquids

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

xylene (1330-20-7)	
IOELV TWA mg/m³ (UE)	221 mg/m³ Skin
IOELV TWA ppm (UE)	50 ppm Skin
IOELV STEL mg/m³ (UE)	442 mg/m³ Skin
IOELV STEL ppm (UE)	100 ppm Skin

n-butyl acetate (123-86-4)	
IOELV TWA mg/m³ (UE)	241 mg/m³
IOELV TWA ppm (UE)	50 ppm
IOELV STEL mg/m³ (UE)	723 mg/m³
IOELV STEL ppm (UE)	150 ppm

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
IOELV TWA mg/m³ (UE)	375 mg/m³ Skin
IOELV TWA ppm (UE)	100 ppm Skin
IOELV STEL mg/m³ (UE)	568 mg/m³ Skin
IOELV STEL ppm (UE)	150 ppm Skin

DNEL / PNEC

ANTI CORRO			
Type	**Value**	**User**	**Effect**
DNEL short-term oral (acute)	442 mg/kg		
DNEL long-term oral (repeated)	275 mg/kg bw/day		
DNEL acute dermal, short-term	50 mg/kg		
DNEL long-term dermal	100 mg/kg bw/day		

n-butyl acetate (123-86-4)			
Type	**Value**	**User**	**Effect**
DNEL acute inhalative	600 mg/m³	Workers	Local
DNEL acute inhalative	600 mg/m³	Workers	Systemic
DNEL long-term inhalative	300 mg/m³	Workers	Local
DNEL long-term inhalative	48 mg/m³	Workers	Systemic
DNEL acute dermal, short-term	11 mg/kg	Workers	Systemic
DNEL long-term dermal	7 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,18 mg/l		
PNEC aquatic, marine water	0,018 mg/l		
PNEC sediment, freshwater	0,981 mg/kg		
PNEC sediment, marine water	0,098 mg/kg		
PNEC soil	0,09 mg/kg		
PNEC sewage treatment plant (STP)	35,6 mg/l		

8.2 - Exposure controls

Appropriate engineering controls

- If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

- Protective gloves



- Suitable eye protection:Eye glasses with side protection



- Suitable respiratory protection apparatus:Respiratory protection helmet/hood



- Disposable gloves
- rubber gloves.
- EN ISO 374

Environmental exposure controls

- Further information: see exposure scenarios attached to this safety data sheet.
- Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	Liquid
Colour	transparent	Odour	rotten

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	> 100 °C

Flash point	24 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	< 1000 hPa
Vapour density	No data available
Relative density	No data available
Density	0,9 g/cm³
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
Dustiness	No data available
Specific surface area	No data available
Shape	No data available

9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- In case of warming:Danger of bursting container.
- In case of warming:Ignition hazard

10.5 - Incompatible materials

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	> 5660 mg/kg Data apply to the component with the highest toxicological risk.
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	> 2000 mg/kg Data apply to the component with the highest toxicological risk.
LC50 inhalation (rat)	> 35,7 ppmV Data apply to the component with the highest toxicological risk.
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Harmful by inhalation.
- Very toxic if swallowed.

Toxicity : Substances

xylene (1330-20-7)	
LD50 oral (rat)	3523 mg/kg
LD50 dermal (rabbit)	2000 mg/kg

n-butyl acetate (123-86-4)	
LD50 oral (rat)	10768 mg/kg
LD50 dermal (rat)	> 17600 mg/kg
LC50 inhalation vapours (rat)	21,1 mg/l

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)	
LD50 oral (rat)	5660 mg/kg

Skin corrosion/irritation - Irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/eye irritation - Eye irritation - Category 2 - Causes serious eye irritation

- Causes serious eye irritation.

Respiratory or skin sensitisation - Not classified

- May cause sensitization by skin contact.
- May cause sensitization by inhalation.

Germ cell mutagenicity - Not classified

	- No information available.
Carcinogenicity	- Not classified
	- No information available.
Reproductive toxicity	- Not classified
	- No information available.
STOT-single exposure	- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness - STOT-single exposure - Category 3 (H335) - May cause respiratory irritation
STOT-repeated exposure	- STOT-repeated exposure - Category 2 - May cause damage to organs kidneys/liver through prolonged or repeated exposure
Aspiration hazard	- Not classified

11.2 - Information on other hazards

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

xylene (1330-20-7)	
LC50 96 hr fish	13,5 mg/l

n-butyl acetate (123-86-4)	
LC50 96 hr fish	100 mg/l

- The substance/mixture does not fullfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No information available.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance meets the PBT criteria of REACH, Annex XIII.

- This substance meets the vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

- No further relevant information available.

12.7 - Other adverse effects

- Ensure all waste water is collected and treated via a waste water treatment plant.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
Special precautions for waste treatment	- Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR)	:	UN1263
UN number (RID)	:	UN1263
UN number (ADN)	:	UN1263
UN number (IMDG)	:	UN1263
UN number (IATA)	:	UN1263

14.2 - UN proper shipping name

UN proper shipping name (ADR)	:	PAINT or PAINT RELATED MATERIAL (xylene, n-butyl acetate, 1-methoxy-2-propanol, monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)
UN proper shipping name (RID)	:	PAINT or PAINT RELATED MATERIAL (xylene, n-butyl acetate, 1-methoxy-2-propanol, monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)
UN proper shipping name (ADN)	:	PAINT or PAINT RELATED MATERIAL (xylene, n-butyl acetate, 1-methoxy-2-propanol, monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)
UN proper shipping name (IMDG)	:	PAINT (xylene, n-butyl acetate, 1-methoxy-2-propanol, monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)
UN proper shipping name (IATA)	:	PAINT RELATED MATERIAL (xylene, n-butyl acetate, 1-methoxy-2-propanol, monopropylene glycol methyl ether, 2-methoxy-1-methylethyl acetate)

14.3 - Transport hazard class(es)

Sealant for mitre joints

ADR Transport hazard class(es)	:	3
ADR Classification code:	:	F1
Pictograms		
Transport hazard class(es) (RID)	:	3
Pictograms		
Transport hazard class(es) (ADN)	:	3
Pictograms		
Transport hazard class(es) (IMDG)	:	3
Pictograms		
Transport hazard class(es) (IATA)	:	3
Pictograms		

14.4 - Packing group

Packing group	:	III
Packing group (RID)	:	III
Packing group (ADN)	:	III
Packing group (IMDG)	:	III
Packing group (IATA)	:	III

14.5 - Environmental hazards

Environmental hazards	:	No
Marine pollutant	:	No

14.6 - Special precautions for user

Sealant for mitre joints

ADR

ADR Classification code:	:	F1
ADR Special provisions	:	163+367+650
ADR Limited quantity (LQ)	:	5L
ADR Excepted quantities	:	E1
ADR Packing instructions	:	P001 IBC03 LP01 R001
ADR Special packing provisions	:	PP1
ADR Mixed packing provisions	:	MP19
Instructions for portable tanks and bulk containers	:	T2
Special provisions for portable tanks and bulk containers	:	TP1 TP29
ADR tank code	:	LGBF
ADR tanks special provisions	:	
Vehicle for tank carriage	:	FL
ADR Transport category	:	3
ADR Tunnel restriction code	:	D/E
ADR Special provisions loading, unloading and handling	:	
Special provisions - Packages	:	V12
Special provisions - Bulk	:	
Special provisions - Operation	:	S2
ADR Hazard identification number (Kemler No.)	:	30

RID

Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	

ADN

Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	

IMDG

Special provisions	:	163 223 367 955
Limited quantity (LQ)	:	5 L
Excepted quantities	:	E1
Packing instructions	:	P001 LP01
Special packing provisions	:	PP1
IBC instruction(s)	:	IBC03
IBC provisions	:	
Instructions for portable tanks and bulk containers	:	T2
Special provisions for portable tanks and bulk containers	:	TP1 TP29
EmS codes	:	F-E, S-E
Stowage and handling	:	Category A
Segregation	:	
Properties and observations	:	Miscibility with water depends upon the composition.

IATA		
PCA - Excepted quantities	:	E1
PCA - Limited Quantity - Packing Instructions	:	Y344
PCA - Limited Quantity - Maximum Net Quantity per Package	:	10L
PCA - Packing Instructions	:	355
PCA - Maximum Net Quantity per Package	:	60L
CAO - Packing Instructions	:	366
CAO - Maximum Net Quantity per Package	:	220L
Special Provisions	:	A3 A72 A192
ERG Code	:	3L

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Substances REACH candidates	None
Substances Annex XIV	None
Substances Annex XVII	None
VOC content	No data available

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	12/08/2024		

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H226	Flammable liquid and vapour
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to organs kidneys/liver through prolonged or repeated exposure
Skin Irrit. 2	Irritation, Category 2
STOT RE 2	STOT-repeated exposure - Category 2

Sealant for mitre joints

STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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