

Duthoo Touch-Up bottle 12 ml

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

1.1 - Product identifier

Trade name/designation Duthoo Touch-Up bottle 12 ml
Chemical name touch-up bottle
Product-type Mixture
UFI: 9M30-D0HS-100R-M1TG

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

Relevant identified uses - Coatings and paints, thinners, paint removers
- For professional use only

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]

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Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Skin Irrit. 2	Irritation, Category 2
Eye Dam. 1	Serious eye damage, Category 1
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

2.2 - Label elements

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

Signal word : None
Pictograms : None
Hazard statements : None
Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261	Avoid breathing vapours.
P280	Wear protective gloves.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER.

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P403+P233	Store in a well-ventilated place. Keep container tightly closed.
EUH-phrases	
EUH066	Repeated exposure may cause skin dryness or cracking
EUH205	Contains epoxy constituents. May produce an allergic reaction
EUH208	Contains ftaalzuuranhydride, methylmethacrylaat. May produce an allergic reaction

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

- The substance is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
ethylbenzene	CAS No. : 100-41-4 Index No. : 601-023-00-4 EC No. : 202-849-4	5 - 7	Acute Tox. 4 Inhalation - H332 Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 STOT RE 2 - H373	Not applicable
xylene	CAS No. : 1330-20-7 Index No. : 601-022-00-9 EC No. : 215-535-7	20 - 25	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315	Not applicable
toluene	CAS No. : 108-88-3 Index No. : 601-021-00-3 EC No. : 203-625-9	0,1 - 0,2	Asp. Tox. 1 - H304 Flam. Liq. 2 - H225 Repr. 2 - H361 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H336) - H336	Not applicable
n-butyl acetate	CAS No. : 123-86-4 Index No. : 607-025-00-1 EC No. : 204-658-1	12,5 - 15	Flam. Liq. 3 - H226 STOT SE 3 (H336) - H336	Not applicable
ethyl acetate	CAS No. : 141-78-6 Index No. : 607-022-00-5 EC No. : 205-500-4	7 - 10	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate	CAS No. : 80-62-6 Index No. : 607-035-00-6 EC No. : 201-297-1	0,1 - 0,2	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 (H335) - H335	Not applicable
phthalic anhydride	CAS No. : 85-44-9 Index No. : 607-009-00-4 EC No. : 201-607-5	0,3 - 0,5	Acute Tox. 4 Oral - H302 Eye Dam. 1 - H318 Resp. Sens. 1 - H334 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 (H335) - H335	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- Do not leave affected person unattended.
- When in doubt or if symptoms are observed, get medical advice.

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Following skin contact - After contact with skin, wash immediately with plenty of water and soap.
- In case of skin irritation, consult a physician.
- Remove contaminated, saturated clothing immediately.

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 - Do NOT induce vomiting.
- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
- Seek medical advice immediately.

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

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No information available.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - No information available.

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 - Carbon dioxide (CO₂)
- Extinguishing powder
- Foam

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

Hazardous decomposition products - No information available.

5.3 - Advice for firefighters

- Do not allow run-off from fire-fighting to enter drains or water courses.
- Move undamaged containers from immediate hazard area if it can be done safely.

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.

For emergency responders - Wear personal protection equipment (refer to section 8).

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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).
- Clear contaminated areas thoroughly.
- Ventilate affected area.

Inappropriate techniques

- No information available.

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

- Flammable vapours can accumulate in head space of closed systems.
- Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.
- See section 8.

Advices on general occupational hygiene

- When using do not eat, drink, smoke, sniff.

7.2 - Conditions for safe storage, including any incompatibilities

- Ensure adequate ventilation of the storage area.
- Storage class : Flammable solids
- Store in a place accessible by authorized persons only.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

Individual protection measures, such as personal protective equipment - Eye protection



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- Protective gloves



- Suitable eye protection: Eye glasses with side protection



- Suitable protective clothing: Protective apron



- Suitable respiratory protection apparatus: Particle filter device (DIN EN 143)



Environmental exposure controls

- Further information: see technical data sheet.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>		<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		70 °C	
Flash point		16 °C	
Evaporation rate		Trager dan ether	
flammability		No data available	
Lower explosion limit		1 % Vol.	
Upper explosion limit		11,4 % Vol.	
Vapour pressure		11,5 hPa	
Vapour density		No data available	
Relative density		No data available	
Density		1 g/cm ³	
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		415 °C	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	

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Dynamic viscosity	No data available
<u>Particle characteristics</u>	
Particle size	No data available
9.2 - Other information	
VOC content	50,1 %
Minimum ignition energy	No data available
Conductivity	2000 µS/m

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.

10.5 - Incompatible materials

- No information available.

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)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

Skin corrosion/irritation - Irritation, Category 2

Serious eye damage/eye irritation - Serious eye damage, Category 1

- Causes serious eye irritation.

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<u>Respiratory or skin sensitisation</u>	- Not classified
	- May cause an allergic skin reaction.
<u>Germ cell mutagenicity</u>	- Not classified
<u>Carcinogenicity</u>	- Not classified
<u>Reproductive toxicity</u>	- Not classified
<u>STOT-single exposure</u>	- STOT-single exposure - Category 3 (H335) - STOT-single exposure - Category 3 (H336)
<u>STOT-repeated exposure</u>	- Not classified
<u>Aspiration hazard</u>	- 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

- The substance/mixture does not fulfill 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

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

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- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation. - Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- Consult the appropriate local waste disposal expert about waste disposal.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

<u>UN number (ADR)</u>	:	UN1263
<u>UN number (RID)</u>	:	UN1263
<u>UN number (ADN)</u>	:	UN1263
<u>UN number (IMDG)</u>	:	UN1263
<u>UN number (IATA)</u>	:	UN1263

14.2 - UN proper shipping name

<u>UN proper shipping name (ADR)</u>	:	PAINT
<u>UN proper shipping name (RID)</u>	:	PAINT
<u>UN proper shipping name (ADN)</u>	:	PAINT
<u>UN proper shipping name (IMDG)</u>	:	PAINT
<u>UN proper shipping name (IATA)</u>	:	PAINT

14.3 - Transport hazard class(es)

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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) : II

14.5 - Environmental hazards

Environmental hazards : No
Marine pollutant : No

14.6 - Special precautions for user

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ADR

<u>ADR Classification code:</u>	:	F1
<u>ADR Special provisions</u>	:	163+367+650
<u>ADR Limited quantity (LQ)</u>	:	5L
<u>ADR Excepted quantities</u>	:	E1
<u>ADR Packing instructions</u>	:	P001 IBC02 R001
<u>ADR Special packing provisions</u>	:	PP1 BB4
<u>ADR Mixed packing provisions</u>	:	MP19
<u>Instructions for portable tanks and bulk containers</u>	:	
<u>Special provisions for portable tanks and bulk containers</u>	:	
<u>ADR tank code</u>	:	
<u>ADR tanks special provisions</u>	:	
<u>Vehicle for tank carriage</u>	:	
<u>ADR Transport category</u>	:	3
<u>ADR Tunnel restriction code</u>	:	E
<u>ADR Special provisions loading, unloading and handling</u>	:	
<u>Special provisions - Packages</u>	:	
<u>Special provisions - Bulk</u>	:	
<u>Special provisions - Operation</u>	:	S2
<u>ADR Hazard identification number (Kemler No.)</u>	:	

RID

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

ADN

<u>Special provisions</u>	:	
<u>Limited quantity (LQ)</u>	:	
<u>Excepted quantities</u>	:	

IMDG

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

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IATA

<u>PCA - Excepted quantities</u>	:	E2
<u>PCA - Limited Quantity - Packing Instructions</u>	:	Y341
<u>PCA - Limited Quantity - Maximum Net Quantity per Package</u>	:	1L
<u>PCA - Packing Instructions</u>	:	353
<u>PCA - Maximum Net Quantity per Package</u>	:	5L
<u>CAO - Packing Instructions</u>	:	364
<u>CAO - Maximum Net Quantity per Package</u>	:	60L
<u>Special Provisions</u>	:	A3 A72 A192
<u>ERG Code</u>	:	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

<u>Substances REACH candidates</u>	None
<u>Substances Annex XIV</u>	None
<u>Substances Annex XVII</u>	toluene (Index No.: 601-021-00-3 - EC No.: 203-625-9 - CAS No.: 108-88-3)
<u>VOC content</u>	50,1 %

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	5/04/2022		

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Asp. Tox. 1	Aspiration hazard - Category 1
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Eye Irrit. 2A	Eye irritation - Category 2A
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation

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H317	May cause an allergic skin reaction
H318	Causes serious eye damage
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
H336	May cause drowsiness or dizziness
H361d	Suspected of damaging the unborn child
H373	May cause damage to organs or state all organs affected, if known through prolonged or repeated exposure - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
Repr. 2	Reproductive toxicity - Category 2
Resp. Sens. 1	Sensitisation — Respiratory, category 1
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
STOT RE 2	STOT-repeated exposure - Category 2
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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