PVC Primer Spray

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

1.1 - Product identifier

Trade name/designation	PVC Primer Spray
Chemical name	Acrylic Binder 1K
Product-type	Mixture
UFI:	FC00-509P-D00X-G2P1

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

Relevant identified uses

- For professional use only
- Paints/coatings – Protective and functional

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]

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

2.2 - Label elements

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

Contains: n-butyl acetate (CAS No.: 123-86-4) | reaction mass of ethylbenzene and xylene (CAS No.:) | ethyl acetate (CAS No.: 141-78-6) | [3-(2,3-epoxypropoxy)propyl]trimethoxysilane (CAS No.: 2530-83-8)

Signal word : Danger

Hazard pictograms

Hazard statements

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H318	Causes serious eye damage

H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure (oral/inhalative)

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe vapours.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/eye protection/face protection.
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 doctor.

EUH-phrases

EUH205	Contains epoxy constituents. May produce an allergic reaction
EUH208	Contains n-butyl methacrylate (97-88-1) | methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6) . May produce an allergic reaction

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
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
reaction mass of ethylbenzene and xylene	CAS No. : Index No. : EC No. : 905-588-0 REACH No. : 01-2119539452-40	>= 10 - <= 19	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Aquatic Chronic 3 - H412 Asp. Tox. 1 - H304 Eye Irrit. 2 - H319 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H335) - H335	ATE dermal 1100 ATE Inhalation Vapor 11
ethyl acetate	CAS No. : 141-78-6 Index No. : 607-022-00-5 EC No. : 205-500-4	> 1 - <= 10	Eye Irrit. 2 - H319 Flam. Liq. 2 - H225 STOT SE 3 (H336) - H336	Not applicable
[3-(2,3-epoxypropoxy)propyl]trimethoxysilane	CAS No. : 2530-83-8 Index No. : EC No. : 219-784-2 REACH No. : 01-2119513212-58	> 1 - <= 5	Aquatic Chronic 3 - H412 Eye Dam. 1 - H318	Not applicable

Chemical name	No	%	Class(es)	Specific concentration limit
n-butyl methacrylate	CAS No. : 97-88-1 Index No. : 607-033-00-5 EC No. : 202-615-1	> 0,1 - <= 1	Eye Irrit. 2 - H319 Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 3 (H335) - H335	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 - <= 0,3	Flam. Liq. 2 - H225 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
- Provide fresh air.

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

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.
- Do NOT induce vomiting.

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
- Causes skin irritation.

Symptoms and effects - After eye contact
- Serious eye damage/eye irritation

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
- ABC-powder
- 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
- Pressurised container: May burst if heated.

Hazardous decomposition products	- Carbon dioxide (CO_2) - Carbon monoxide - Nitrogen oxides (NOx)

5.3 - Advice for firefighters

- Wear a self-contained breathing apparatus and chemical protective clothing.
- 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	- Use personal protection equipment. - Provide adequate ventilation. - Remove all sources of ignition.
For emergency responders	- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

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 (sand, diatomaceous earth, acid- or universal binding agents). - Wash with plenty of water.
Inappropriate techniques	- No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation	- Avoid: Eye contact - Avoid: Skin contact - It is recommended to design all work processes always so that the following is excluded: generation/formation of aerosols - Vapours can form explosive mixtures with air. - When using do not smoke. - Use only in well-ventilated areas. - Do not spray on naked flames or any incandescent material.
Advices on general occupational hygiene	- Avoid contact with skin, eyes and clothes. - Wash hands before breaks and after work.

7.2 - Conditions for safe storage, including any incompatibilities

- Storage class Flammable liquids
- Keep container tightly closed and in a well-ventilated place.
- Do not store together with: Combustible substance
- Protect against: Heat

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

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
ethyl acetate (141-78-6)	
IOELV TWA mg/m³ (UE)	734 mg/m³
IOELV TWA ppm (UE)	200 ppm
IOELV STEL mg/m³ (UE)	1468 mg/m³
IOELV STEL ppm (UE)	400 ppm
methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6)	
IOELV TWA ppm (UE)	50 ppm
IOELV STEL ppm (UE)	100 ppm

DNEL / PNEC

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		
reaction mass of ethylbenzene and xylene			
Type	**Value**	**User**	**Effect**
DNEL long-term inhalative	221 mg/m³	Workers	Systemic
DNEL long-term dermal	212 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,327 mg/l		
PNEC aquatic, marine water	0,327 mg/l		
PNEC sediment, freshwater	12,46 mg/kg		
PNEC sediment, marine water	12,46 mg/kg		
PNEC soil	2,31 mg/kg		
PNEC sewage treatment plant (STP)	6,58 mg/l		

PVC Primer Spray

ethyl acetate (141-78-6)			
Type	**Value**	**User**	**Effect**
DNEL acute inhalative	1468 mg/m³	Workers	Local
DNEL acute inhalative	1468 mg/m³	Workers	Systemic
DNEL long-term inhalative	734 mg/m³	Workers	Local
DNEL long-term inhalative	734 mg/m³	Workers	Systemic
DNEL long-term dermal	63 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,24 mg/l		
PNEC aquatic, marine water	0,024 mg/l		
PNEC sediment, freshwater	1,15 mg/kg		
PNEC sediment, marine water	0,115 mg/kg		
PNEC soil	0,148 mg/kg		
PNEC sewage treatment plant (STP)	650 mg/l		

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)			
Type	**Value**	**User**	**Effect**
DNEL long-term inhalative	70,5 mg/m³	Workers	Systemic
DNEL long-term dermal	10 mg/kg bw/day	Workers	Systemic

n-butyl methacrylate (97-88-1)			
Type	**Value**	**User**	**Effect**
DNEL long-term inhalative	66,5 mg/m³	Consumers	Systemic
DNEL long-term inhalative	366,4 mg/m³	Consumers	Local
DNEL long-term inhalative	409 mg/m³	Workers	Local
DNEL long-term inhalative	415,9 mg/m³	Workers	Systemic
DNEL long-term dermal	5 mg/kg bw/day	Workers	Systemic
DNEL long-term dermal	3 mg/kg bw/day	Consumers	Systemic

methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6)			
Type	**Value**	**User**	**Effect**
DNEL acute inhalative	416 mg/m³	Workers	Local
DNEL long-term inhalative	208 mg/m³	Workers	Local
DNEL long-term inhalative	348,4 mg/m³	Workers	Systemic
DNEL acute dermal, short-term	1,5 mg/cm²	Workers	Local
DNEL long-term dermal	1,5 mg/kg bw/day	Workers	Local
DNEL long-term dermal	13,67 mg/kg bw/day	Workers	Systemic
PNEC aquatic, freshwater	0,94 mg/l		
PNEC aquatic, marine water	0,094 mg/l		
PNEC sediment, freshwater	10,2 mg/kg		
PNEC sediment, marine water	1,02 mg/kg		
PNEC soil	1,48 mg/kg		

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

- Suitable protective clothing: lab coat

- Eye protection

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

- Protective gloves

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state	Liquid	Appearance	Liquid
Colour		Odour	characteristic

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	70 °C < V < 142 °C
Flash point	16 °C
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Density	No data available
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: Ignition hazard

10.5 - Incompatible materials

- avoid contact with other chemicals

10.6 - Hazardous decomposition products

- No information available.

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

- Based on available data, the classification criteria are not met.

Toxicity : Substances

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

reaction mass of ethylbenzene and xylene ()	
LD50 oral (rat)	3523 mg/kg < V < 4000 mg/kg
LD50 dermal (rabbit)	121236 mg/kg
LC50 inhalation vapours (rat)	6350 mg/l < V < 6700 mg/l

ethyl acetate (141-78-6)	
LD50 oral (rat)	5620 mg/kg
LD50 dermal (rabbit)	20001 mg/kg
LC50 inhalation vapours (rat)	22,6 mg/l

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)	
LD50 oral (rat)	7010 mg/kg
LD50 dermal (rabbit)	4248 mg/kg
LC50 inhalation dusts and mists (rat)	> 5,3 mg/l

n-butyl methacrylate (97-88-1)	
LD50 oral (rat)	16000 mg/kg
LD50 dermal (rat)	17900 mg/kg
LC50 inhalation vapours (rat)	29 mg/l

methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6)	
LD50 oral (rat)	7872 mg/kg
LD50 dermal (rabbit)	> 5000 mg/kg
LC50 inhalation vapours (rat)	78000 mg/l

Skin corrosion/irritation	- Irritation, Category 2 - Causes skin irritation
	- Irritating to skin.
Serious eye damage/eye irritation	- Serious eye damage, Category 1 - Causes serious eye damage
	- Risk of serious damage to eyes. - Causes serious eye irritation.
Respiratory or skin sensitisation	- Not classified
Germ cell mutagenicity	- Not classified
Carcinogenicity	- Not classified
Reproductive toxicity	- Not classified
STOT-single exposure	- STOT-single exposure - Category 3 (H336) - May cause drowsiness or dizziness
STOT-repeated exposure	- STOT-repeated exposure - Category 2 - May cause damage to organs through prolonged or repeated exposure (oral/inhalative)
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

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

reaction mass of ethylbenzene and xylene ()	
LC50 96 hr fish	2,6 mg/l
ErC50 algae	2,2 mg/l

ethyl acetate (141-78-6)	
EC50 48 hr crustacea	750 mg/l
LC50 96 hr fish	212,5 mg/l
ErC50 algae	2500 mg/l
NOEC chronic fish	75,6 mg/l

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane (2530-83-8)	
LC50 96 hr fish	55 mg/l

n-butyl methacrylate (97-88-1)	
NOEC chronic crustacea	2,6 mg/l

methyl methacrylate, methyl 2-methylprop-2-enoate, methyl 2-methylpropenoate (80-62-6)	
LC50 96 hr fish	130 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 indication of bioaccumulation potential.

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

- No information available.

PVC Primer Spray

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

Waste treatment methods	- Dispose of waste according to applicable legislation.
Sewage disposal	- Do not allow to enter into surface water or drains.
Special precautions for waste treatment	- Collect the waste separately.
Community or national or regional provisions	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

UN number (ADR)	:	UN1950
UN number (RID)	:	UN1950
UN number (ADN)	:	UN1950
UN number (IMDG)	:	UN1950
UN number (IATA)	:	UN1950

14.2 - UN proper shipping name

UN proper shipping name (ADR)	:	AEROSOLS
UN proper shipping name (RID)	:	AEROSOLS
UN proper shipping name (ADN)	:	AEROSOLS
UN proper shipping name (IMDG)	:	AEROSOLS
UN proper shipping name (IATA)	:	AEROSOLS, FLAMMABLE

14.3 - Transport hazard class(es)

ADR Transport hazard class(es)	:	2
ADR Classification code:	:	5F

Pictograms

Transport hazard class(es) (RID)	:	2

Pictograms

Transport hazard class(es) (ADN)	:	2

PVC Primer Spray

Pictograms

Transport hazard class(es) (IMDG) : 2

Pictograms

Transport hazard class(es) (IATA) : 2

Pictograms

14.4 - Packing group

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

14.5 - Environmental hazards

Environmental hazards	:	No
Marine pollutant	:	No

14.6 - Special precautions for user

PVC Primer Spray

ADR		
ADR Classification code:	:	5F
ADR Special provisions	:	190+327+344+625
ADR Limited quantity (LQ)	:	1L
ADR Excepted quantities	:	E0
ADR Packing instructions	:	P207 LP200
ADR Special packing provisions	:	PP87 RR6 L2
ADR Mixed packing provisions	:	MP9
Instructions for portable tanks and bulk containers	:	
Special provisions for portable tanks and bulk containers	:	
ADR tank code	:	
ADR tanks special provisions	:	
Vehicle for tank carriage	:	
ADR Transport category	:	2
ADR Tunnel restriction code	:	D
ADR Special provisions loading, unloading and handling	:	CV9 CV12
Special provisions - Packages	:	V14
Special provisions - Bulk	:	
Special provisions - Operation	:	S2
ADR Hazard identification number (Kemler No.)	:	
RID		
Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
ADN		
Special provisions	:	
Limited quantity (LQ)	:	
Excepted quantities	:	
IMDG		
Special provisions	:	63 190 277 327 344 381 959
Limited quantity (LQ)	:	
Excepted quantities	:	E0
Packing instructions	:	P207 LP200
Special packing provisions	:	PP87 L2
IBC instruction(s)	:	
IBC provisions	:	
Instructions for portable tanks and bulk containers	:	
Special provisions for portable tanks and bulk containers	:	
EmS codes	:	F-D, S-U
Stowage and handling	:	Category None SW1 SW22
Segregation	:	SG69
Properties and observations	:	

IATA

PCA - Excepted quantities	:	E0
PCA - Limited Quantity - Packing Instructions	:	Y203
PCA - Limited Quantity - Maximum Net Quantity per Package	:	30kg
PCA - Packing Instructions	:	203
PCA - Maximum Net Quantity per Package	:	75kg
CAO - Packing Instructions	:	203
CAO - Maximum Net Quantity per Package	:	150kg
Special Provisions	:	A145 A167 A802
ERG Code	:	10L

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

Chemical safety assessment carried out for the product: - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	18/06/2024		

Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal) - Category 4
Acute Tox. 4 Inhalation	Acute toxicity (inhalative) - Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment - Aquatic Chronic 3
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
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
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 through prolonged or repeated exposure (oral/inhalative)
H412	Harmful to aquatic life with long lasting effects
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)

*** *** ***