

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

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

1.1 Product identifier

Trade name

WIDOPAN-Uini Primer

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

Relevant identified uses of the substance or mixture

Primer coat for sealing systems

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Widopan Produkte GmbH

Ostereichen 3

D-21714 Hammah

Telephone no. +49 (0) 4144 69821-0

Fax no. +49 (0) 4144 69821-20

Information provided by / telephone

+49 (0) 4144 69821-0

Advice on Safety Data Sheet

sdb_info@umco.de

Details of the importer

Address

Widopan Limited

System House

Horndon Industrial Park

24 Station Rd

West Horndon

Brentwood

CM13 3XL

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Carc. 2; H351

Eye Irrit. 2; H319

Flam. Liq. 2; H225

Resp. Sens. 1; H334

Skin Irrit. 2; H315

Skin Sens. 1; H317

STOT RE 2; H373

STOT SE 3; H335

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)****Hazard pictograms**

GHS02



GHS07



GHS08

Signal word

Danger

Hazardous component(s) to be indicated on label:

acetone

Aromatic polyisocyanate prepolymer

diphenylmethanediisocyanate, isomeres and homologues

diphenylmethane-4,4'-diisocyanate

Hazard statement(s)

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure

Hazard statements (EU)

EUH204	Contains isocyanates. May produce an allergic reaction.
EUH208	Contains 2,2'-methylenediphenyl diisocyanate. May produce an allergic reaction.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	In case of inadequate ventilation wear respiratory protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
P370+P378	In case of fire: Use water spray, carbon dioxide, dry chemical or foam to extinguish.

Supplemental label elements

'As from 24 August 2023 adequate training is required before industrial or professional use'

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Chemical characterization**

PU system, solvent containing

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

1	Aromatic polyisocyanate prepolymer			
	72088-97-2 - - -	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 STOT SE 3; H335 STOT RE 2; H373	>= 25.00 - < 50.00	wt%
2	acetone			
	67-64-1 200-662-2 606-001-00-8 01-2119471330-49	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066	>= 25.00 - < 50.00	wt%
3	Aromatic polyisocyanate prepolymer			
	67815-87-6 - - -	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Irrit. 2; H319 Acute Tox. 4; H332 Resp. Sens. 1; H334 STOT SE 3; H335 STOT RE 2; H373	>= 10.00 - < 25.00	wt%
4	diphenylmethane diisocyanate, isomeres and homologues			
	9016-87-9 - - -	Carc. 2; H351 Acute Tox. 4; H332 STOT SE 3; H335 STOT RE 2; H373 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Resp. Sens. 1; H334 Skin Sens. 1; H317	>= 5.00 - < 10.00	wt%
5	diphenylmethane-2,4'-diisocyanate			
	5873-54-1 227-534-9 615-005-00-9 01-2119480143-45	Acute Tox. 4; H332 Carc. 2; H351 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT RE 2; H373i STOT SE 3; H335	>= 5.00 - < 10.00	wt%
6	diphenylmethane-4,4'-diisocyanate			
	101-68-8 202-966-0 615-005-00-9 01-2119457014-47	Acute Tox. 4; H332 Carc. 2; H351 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT RE 2; H373i STOT SE 3; H335	>= 5.00 - < 10.00	wt%
7	2-methoxy-1-methylethyl acetate			
	108-65-6 203-603-9 607-195-00-7 01-2119475791-29	Flam. Liq. 3; H226 STOT SE 3; H336	>= 5.00 - < 10.00	wt%
8	tosyl isocyanate			
	4083-64-1 223-810-8 615-012-00-7 01-2119980050-47	EUH014 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 STOT SE 3; H335	< 2.50	wt%

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

9	2,2'-methylenediphenyl diisocyanate		
	2536-05-2 219-799-4 615-005-00-9 01-2119927323-43	Acute Tox. 4; H332 Carc. 2; H351 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT RE 2; H373i STOT SE 3; H335	< 0.10 wt%

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
5	C, 2	Resp. Sens. 1; H334: C \geq 0.1% Eye Irrit. 2; H319: C \geq 5% STOT SE 3; H335: C \geq 5% Skin Irrit. 2; H315: C \geq 5%	-	-
6	C, 2	Resp. Sens. 1; H334: C \geq 0.1% Eye Irrit. 2; H319: C \geq 5% Skin Irrit. 2; H315: C \geq 5% STOT SE 3; H335: C \geq 5%	-	-
9	C, 2	Resp. Sens. 1; H334: C \geq 0.1% Eye Irrit. 2; H319: C \geq 5% Skin Irrit. 2; H315: C \geq 5% STOT SE 3; H335: C \geq 5%	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
4	H373 inhalational; hearing; -
5	H373i inhalational; -; -
6	H373i inhalational; -; -
9	H373i inhalational; -; -

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. If the patient is likely to become unconscious, place and transport in stable sideways position.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air. Irregular breathing/no breathing: artificial respiration. Call a doctor immediately.

After skin contact

Wash off immediately with soap and water. Don't use solvents.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Rinse the mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

Trade name: WIDOPAN-Uini Primer**Current version :** 12.3.1, issued: 14.01.2022**Replaced version:** 12.3.0, issued: 11.06.2021**Region:** GB**4.3 Indication of any immediate medical attention and special treatment needed**

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam; Extinguishing powder; Water spray jet; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixtureIn the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Isocyanate vapours. Traces of hydrogen cyanide.**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Cool endangered containers with water spray jet. Wear protective clothing. Suppress gases/vapours/mists with water spray jet.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning upCover up with damp, liquid absorbing material (e. g. sawdust, chemical binding material based on calcium silicate hydrate, sand). After 1 hour collect in stainless containers for waste material disposal. Do not seal containers (generation of CO₂)! Keep damp and let stand in a secured outdoor location for several days. Dispose according to section 13. Clean contaminated surfaces thoroughly with water. Decontaminate wash water (see item 7) and dispose of.**6.4 Reference to other sections**

No data available.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Ensure adequate ventilation. When filling, transferring, or emptying of containers, adequate suctioning close to work place necessary. Provide suitable exhaust ventilation at the processing machines. If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Keep ready a decontamination solution consisting of ammonia solution (190 g/l), water and ethanol (5 %, 50 %, 45 %).

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Wash hands before breaks and after work. Provide eye wash fountain in work area. Have emergency shower available.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Precautions should be taken to minimise exposure to atmospheric humidity or water: CO₂ will be formed which in closed containers can result in pressurisation. DO NOT KEEP THE CONTAINERS SEALED !! Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Keep only in the original container. Cover opened container with nitrogen in order to keep moisture away from the product.

Incompatible products

Do not store together with: oxidizing agents; Metals; Reducing agents; Keep away from water. Alcohols; Amines; Acids; Bases; Alkali metals; copper and copper alloys

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
	2000/39/EC		
	Acetone		
	WEL long-term (8-hr TWA reference period)	1210	mg/m ³ 500 ppm
	List of approved workplace exposure limits (WELs) / EH40		
	Acetone		
	WEL short-term (15 min reference period)	3620	mg/m ³ 1500 ppm
	WEL long-term (8-hr TWA reference period)	1210	mg/m ³ 500 ppm
2	diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	
	List of approved workplace exposure limits (WELs) / EH40		
	Isocyanates, all (as -NCO) Exept methyl isocyanate		
	WEL short-term (15 min reference period)	0.07	mg/m ³
	WEL long-term (8-hr TWA reference period)	0.02	mg/m ³
	Comments	Sen	
3	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
	List of approved workplace exposure limits (WELs) / EH40		
	Isocyanates, all (as -NCO) Exept methyl isocyanate		
	WEL short-term (15 min reference period)	0.07	mg/m ³
	WEL long-term (8-hr TWA reference period)	0.02	mg/m ³
	Comments	Sen	
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
	List of approved workplace exposure limits (WELs) / EH40		
	1-Methoxypropylacetate		
	WEL short-term (15 min reference period)	548	mg/m ³ 100 ppm
	WEL long-term (8-hr TWA reference period)	274	mg/m ³ 50 ppm
	Comments	Sk	
	2000/39/EC		
	2-Methoxy-1-methylethylacetate		
	WEL short-term (15 min reference period)	550	mg/m ³ 100 ppm
	WEL long-term (8-hr TWA reference period)	275	mg/m ³ 50 ppm
	Skin resorption / sensibilisation	Skin	

DNEL, DMEL and PNEC values

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	acetone			67-64-1 200-662-2	
	dermal	Long term (chronic)	systemic	186	mg/kg/day
	inhalative	Short term (acut)	local	2420	mg/m ³
	inhalative	Short term (acut)	systemic	1210	mg/m ³
2	diphenylmethane-2,4'-diisocyanate			5873-54-1 227-534-9	
	inhalative	Long term (chronic)	local	0.05	mg/m ³
	inhalative	Short term (acut)	local	0.1	mg/m ³
3	diphenylmethane-4,4'-diisocyanate			101-68-8 202-966-0	
	inhalative	Long term (chronic)	local	0.05	mg/m ³
	inhalative	Short term (acut)	local	0.1	mg/m ³
4	2-methoxy-1-methylethyl acetate			108-65-6 203-603-9	
	dermal	Long term (chronic)	systemic	796	mg/kg/day
	inhalative	Long term (chronic)	systemic	275	mg/m ³
	inhalative	Short term (acut)	local	550	mg/m ³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	acetone			67-64-1 200-662-2	
	oral	Long term (chronic)	systemic	62	mg/kg/day
	dermal	Long term (chronic)	systemic	62	mg/kg/day
	inhalative	Long term (chronic)	systemic	200	mg/m ³
2	diphenylmethane-2,4'-diisocyanate			5873-54-1 227-534-9	
	inhalative	Long term (chronic)	local	0.025	mg/m ³
	inhalative	Short term (acut)	local	0.05	mg/m ³
3	diphenylmethane-4,4'-diisocyanate			101-68-8 202-966-0	
	inhalative	Long term (chronic)	local	0.025	mg/m ³
	inhalative	Short term (acut)	local	0.05	mg/m ³
4	2-methoxy-1-methylethyl acetate			108-65-6 203-603-9	
	oral	Long term (chronic)	systemic	36	mg/kg/day
	oral	Short term (acut)	systemic	500	mg/kg/day
	dermal	Long term (chronic)	systemic	320	mg/kg/day
	inhalative	Long term (chronic)	systemic	33	mg/m ³
	inhalative	Long term (chronic)	local	33	mg/m ³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	acetone		67-64-1 200-662-2	
	water	fresh water	10.6	mg/L
	water	Aqua intermittent	21	mg/L
	water	marine water	1.06	mg/L
	water	fresh water sediment	30.4	mg/kg
	water	marine water sediment	3.04	mg/kg
	soil	-	29.5	mg/kg
	sewage treatment plant	-	100	mg/L
	2	diphenylmethane-2,4'-diisocyanate		5873-54-1

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

			227-534-9
water	marine water	0.1	mg/L
water	Aqua intermittent	10	mg/L
soil	-	1	mg/kg dry weight
sewage treatment plant	-	1	mg/L
3	diphenylmethane-4,4'-diisocyanate		101-68-8 202-966-0
water	fresh water	1	mg/L
water	marine water	0.1	mg/L
soil	-	1	mg/kg dry weight
sewage treatment plant	-	1	mg/L
4	2-methoxy-1-methylethyl acetate		108-65-6 203-603-9
water	fresh water	0.635	mg/L
water	marine water	0.064	mg/L
water	fresh water sediment	3.29	mg/kg
with reference to: dry weight			
water	marine water sediment	0.329	mg/kg
with reference to: dry weight			
soil	-	0.29	mg/kg
with reference to: dry weight			
sewage treatment plant	-	100	mg/L

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

In case of insufficient ventilation and during spray application respiratory protection necessary. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
liquid
Form/Colour
liquid
yellowish

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Odour			
slightly aromatic			
pH value			
No data available			
Boiling point / boiling range			
Value		260	°C
Melting point/freezing point			
No data available			
Setting point / solidification range			
Value		-18	°C
Decomposition temperature			
No data available			
Flash point			
Value	<	15	°C
Method	DIN 51758		
Ignition temperature			
Value		480	°C
Flammability			
No data available			
Lower explosion limit			
No data available			
Upper explosion limit			
No data available			
Vapour pressure			
Value		21	mbar
Reference temperature		20	°C
Value		45	mbar
Reference temperature		50	°C
Value		50	mbar
Reference temperature		55	°C
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	appr.	0.978	g/cm ³
Reference temperature		20	°C
Method	DIN 53217		
Solubility in water			
Comments	insoluble		
Comments	Reacts with water		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
log Pow			-0.23
Method	QSAR		
Source	ECHA		

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

2	diphenylmethane-2,4'-diisocyanate	5873-54-1	227-534-9
log Pow		4.51	
Reference temperature		22	°C
with reference to	pH 7		
Method	OECD 117		
Source	ECHA		
3	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
log Pow		4.51	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
log Pow		1.2	
Reference temperature		20	°C
Method	OECD 117		
Source	ECHA		

Viscosity

Value	appr.	2800	mPa*s
Reference temperature		23	°C

Particle characteristics

No data available

9.2 Other information**Other information**

No data available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Moisture. Heat

10.5 Incompatible materials

Oxidizing agents; Metals; Reducing agents; Alcohols; Acids; Bases; Amines; Water; Alkali metals; Copper and copper alloys.

10.6 Hazardous decomposition products

In case of fire the following can be released: Isocyanate vapours; Traces of hydrogen cyanide

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
LD50		5800	mg/kg bodyweight
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
LD50	>	2000	mg/kg bodyweight

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Species	rat		
Source	ECHA / Read across		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Source	ECHA		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
LD50	>	15800	mg/kg bodyweight
Species	rabbit		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
LD50	>	9400	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA / Read across		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LD50	>	5000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	WIDOPAN-Uini Primer
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
LC50		76	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Species	guinea pig		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
Method	OECD 404		
Source	ECHA / Read across		
Evaluation	irritant		
3	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species	rabbit		
Method	OECD 404		
Source	ECHA		

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Evaluation	non-irritant		
Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	non-irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure	Skin		
Species	guinea pig		
Source	ECHA		
Evaluation	non-sensitizing		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Route of exposure	Skin		
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	non-sensitizing		
Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	In vitro Mammalian Chromosomal Aberration Test		
Species	Chinese hamster Ovary (CHO)		
Method	OECD 473		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in mammalian cells		
Species	Mouse lymphoma cells		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	diphenylmethane-2,4'-diisocyanate	5873-54-1	227-534-9
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure	inhalational		
NOAEC	2200		ppm
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Method	OECD 414
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Carcinogenicity			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure		dermal	
Type of examination		Toxicity study	
Species		mouse	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Route of exposure		oral	
NOAEL		10000	ppm
Species		rat	
Method		OECD 408	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOAEC		19000	ppm
Species		rat	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard	
No data available	

Delayed and immediate effects as well as chronic effects from short and long-term exposure	
In case of overexposure – especially during spraying applications without observed safety measures – danger of eye, nose, throat and airways irritation. Delayed appearance of difficulties and development of hypersensitivity (difficult breathing, coughing, and asthma) are possible. There may be hypersensitive persons who develop reactions following exposure to very low concentrations of isocyanates, even below the threshold limit value at the workplace. Tanning and irritating effects are possible at prolonged skin contact.	

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
LC50		5540	mg/l
Duration of exposure		96	h
Species		Oncorhynchus mykiss	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
LC50		100	- 180 mg/l

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Duration of exposure	96	h
Species	Oncorhynchus mykiss	
Method	OECD 203	
Source	ECHA	

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
EC50		8800	mg/l
Duration of exposure		48	h
Species	Daphnia pulex		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No	Substance name	CAS no.	EC no.
1	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
EC50	>	1000	mg/l
Duration of exposure		72	h
Species	Pseudokirchneriella subcapitata		
Method	OECD 201		
Source	ECHA		

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
Type	aerobic biodegradation		
Value		90.9	%
Duration		28	day(s)
Method	OECD 301 B		
Source	ECHA		
Evaluation	readily biodegradable		
2	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
Type	aerobic biodegradation		
Value		90	%
Duration		28	day(s)
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	diphenylmethane-2,4'-diisocyanate	5873-54-1	227-534-9
BCF		92	- 200
Method	OECD 305 E		
Source	ECHA		

Partition coefficient n-octanol/water (log value)

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

No	Substance name	CAS no.	EC no.
1	acetone	67-64-1	200-662-2
	log Pow		-0.23
	Method	QSAR	
	Source	ECHA	
2	diphenylmethane-2,4'-diisocyanate	5873-54-1	227-534-9
	log Pow		4.51
	Reference temperature		22 °C
	with reference to	pH 7	
	Method	OECD 117	
	Source	ECHA	
3	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0
	log Pow		4.51
	Reference temperature		20 °C
	Method	OECD 117	
	Source	ECHA	
4	2-methoxy-1-methylethyl acetate	108-65-6	203-603-9
	log Pow		1.2
	Reference temperature		20 °C
	Method	OECD 117	
	Source	ECHA	

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information**Other information**

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer. Empty containers should be disposed of only after removing product residues adhering to container walls, by the reaction with a decontaminating solution (see item 7).

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

Class	3
Classification code	F1
Packing group	II
Hazard identification no.	33
UN number	UN1993
Proper shipping name	FLAMMABLE LIQUID, N.O.S.
Technical name	acetone

Trade name: WIDOPAN-Uini Primer

Current version : 12.3.1, issued: 14.01.2022

Replaced version: 12.3.0, issued: 11.06.2021

Region: GB

Special Provision 640 640D
 Tunnel restriction code D/E
 Label 3

14.2 Transport IMDG

Class 3
 Packing group II
 UN number UN1993
 Proper shipping name FLAMMABLE LIQUID, N.O.S.
 Technical name acetone
 EmS F-E, S-E
 Label 3

14.3 Transport ICAO-TI / IATA

Class 3
 Packing group II
 UN number UN1993
 Proper shipping name Flammable liquid, n.o.s.
 Technical name acetone
 Label 3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	diphenylmethane-2,4'-diisocyanate	5873-54-1	227-534-9	56, 74
2	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0	56, 74
3	diphenylmethanediisocyanate, isomeres and homologues	9016-87-9	-	56, 74

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is subject to Part I of Annex I, risk category:	P5b
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Trade name: WIDOPAN-Uini Primer**Current version :** 12.3.1, issued: 14.01.2022**Replaced version:** 12.3.0, issued: 11.06.2021**Region:** GB**15.2 Chemical safety assessment**

A Chemical Safety Assessment has been carried out for one or more of the substances within this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH014	Reacts violently with water.
EUH066	Repeated exposure may cause skin dryness or cracking.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H373i	May cause damage to organs through prolonged or repeated exposure if inhaled.

Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)

C	Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
2	The concentration of isocyanate stated is the percentage by weight of the free monomer calculated with reference to the total weight of the mixture.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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