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

1.1 Product identifier

Trade name

SEAM GRIP +WP

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

Relevant identified uses of the substance or mixture
Adhesive and sealant for flexible repairs.

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address
Gear Aid Europe GmbH
Saarstrasse 5
29664 Walsrode

Telephone no. +49 (0)5161-41805-0
Fax no. +49 (0)5161-418-0511

Advice on Safety Data Sheet
sdb_info@umco.de

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)
Eye Irrit. 2; H319
Flam. Liq. 3; H226
Resp. Sens. 1; H334
Skin Irrit. 2; H315
STOT RE 2; H373
STOT SE 3; H335

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 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:
Reaction mass of xylene and ethylbenzene

diphenylmethane-4,4'-diisocyanate

Hazard statement(s)

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure

Hazard statements (EU)

EUH204	Contains isocyanates. May produce an allergic reaction.

Precautionary statement(s)

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
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, extinguishing powder, foam or CO2 to extinguish.
P405	Store locked up.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

Supplemental label elements

Persons already sensitised to diisocyanates may develop allergic reactions when using this product.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.
'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

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	**Reaction mass of xylene and ethylbenzene**			
	- 905-588-0 - 01-2119539452-40	Acute Tox. 4; H312 Acute Tox. 4; H332 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335 STOT RE 2; H373	>= 25.00 - < 50.00	wt%
2	**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	< 2.50	wt%
3	**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	< 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)
2	C, 2	Resp. Sens. 1; H334: C >= 0.1% Eye Irrit. 2; H319: C >= 5% Skin Irrit. 2; H315: C >= 5% STOT SE 3; H335: C >= 5%	-	-
3	-	Eye Irrit. 2; H319: C >= 5% STOT SE 3; H335: C >= 5% Skin Irrit. 2; H315: C >= 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
2	H373i inhalational; -; -

SECTION 4: First aid measures

4.1 Description of first aid measures

General information
Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

After inhalation
Ensure supply of fresh air. Remove affected person from the immediate area. If unconscious place in recovery position and seek medical advice.

After skin contact
When in contact with the skin, clean with soap and water.

After eye contact
Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

After ingestion
Do not induce vomiting. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

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; Carbon dioxide; Extinguishing powder; Water spray jet

Unsuitable extinguishing media
High power water jet

5.2 Special hazards arising from the substance or mixture
When heating or in case of fire formation of toxic gases. In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2); Nitrous oxides (NOx)

5.3 Advice for firefighters
Use self-contained breathing apparatus. Wear protective clothing.

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.

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.

6.3 Methods and material for containment and cleaning up
Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections
No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advice on safe handling
Provide good ventilation at the work area (local exhaust ventilation, if necessary). 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.

General protective and hygiene measures
Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke during work time. After worktime and during work intervals the affected skin areas must be thoroughly cleaned. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Provide eye wash fountain in work area.

Advice on protection against fire and explosion
Pay attention to general rules of internal fire prevention. Keep away from ignition sources and provide for good ventilation. Take precautionary measures against static charges. Vapours can form an explosive mixture with air.

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. Keep from freezing. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels
Containers which are opened must be carefully resealed.

Incompatible products
Do not store together with: Acids; Bases; Amines; Alcohols

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	**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/m³	
	WEL long-term (8-hr TWA reference period)	0.02 mg/m³	
	Comments	Sen	

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	**Exposure time**	**Effect**	**Value**	
1	**Reaction mass of xylene and ethylbenzene**			**-** **905-588-0**	
	dermal	Long term (chronic)	systemic	212	mg/kg/day
	inhalative	Short term (acut)	systemic	442	mg/m³
	inhalative	Short term (acut)	local	442	mg/m³
	inhalative	Long term (chronic)	systemic	221	mg/m³
	inhalative	Long term (chronic)	local	221	mg/m³
2	**diphenylmethane-4,4'-diisocyanate**			**101-68-8** **202-966-0**	
	inhalative	Long term (chronic)	local	0.05	mg/m³
	inhalative	Short term (acut)	local	0.1	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	**Exposure time**	**Effect**	**Value**	
1	**Reaction mass of xylene and ethylbenzene**			**-** **905-588-0**	
	oral	Long term (chronic)	systemic	12.5	mg/kg/day
	dermal	Long term (chronic)	systemic	125	mg/kg/day
	inhalative	Short term (acut)	systemic	260	mg/m³
	inhalative	Long term (chronic)	systemic	65.3	mg/m³
	inhalative	Short term (acut)	local	260	mg/m³
	inhalative	Long term (chronic)	local	65.3	mg/m³
2	**diphenylmethane-4,4'-diisocyanate**			**101-68-8** **202-966-0**	
	inhalative	Long term (chronic)	local	0.025	mg/m³
	inhalative	Short term (acut)	local	0.05	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	**Type**	**Value**	
1	**Reaction mass of xylene and ethylbenzene**		**-** **905-588-0**	
	water	fresh water	0.327	mg/L
	water	marine water	0.327	mg/L
	water	Aqua intermittent	0.327	mg/L
	water	fresh water sediment	12.46	mg/kg
	water	marine water sediment	12.46	mg/kg
	soil	-	2.31	mg/kg dry weight
	sewage treatment plant	-	6.58	mg/L
2	**diphenylmethane-4,4'-diisocyanate**		**101-68-8** **202-966-0**	
	water	fresh water	3.7	µg/L
	water	marine water	0.37	µg/L

	water	fresh water sediment	11.7	mg/kg dry weight
	water	marine water sediment	1.17	mg/kg dry weight
	soil	-	2.33	mg/kg dry weight
	sewage treatment plant	-	1	mg/L

8.2 Exposure controls

Appropriate engineering controls
No data available.

Personal protective equipment

Respiratory protection
If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.
Respirator A2 (DIN EN 14387 / DIN EN 141)

Eye / face protection
Safety glasses (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.
Appropriate Material nitrile rubber
Material thickness 0.8 mm

Other
Chemical-resistant work clothes.

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
pasty

Colour
colourless

Odour
characteristic

pH value
No data available

Boiling point / boiling range	
Value	139 °C
Source	supplier

Melting point/freezing point
No data available

Decomposition temperature
No data available

Flash point			
Value		25	°C
Source	supplier		

Ignition temperature			
Value		430	°C
Source	supplier		

Flammability
No data available

Lower explosion limit			
Value		1.0	% vol
Source	supplier		

Upper explosion limit			
Value		7.8	% vol
Source	supplier		

Vapour pressure			
Value		9	hPa
Reference temperature		20	°C
Source	supplier		

Relative vapour density
No data available

Relative density
No data available

Density			
Value		0.96	g/cm³
Reference temperature		20	°C
Source	supplier		

Solubility in water	
Comments	insoluble

Solubility
No data available

Soluble in
hydrocarbons

Partition coefficient n-octanol/water (log value)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**Reaction mass of xylene and ethylbenzene**	**-**		**905-588-0**
log Pow	appr.	3.49		
Reference temperature		30	°C	
with reference to	pH >= 5 - <= 8			
Method	OECD 117			
Source	ECHA			
2	**diphenylmethane-4,4'-diisocyanate**	**101-68-8**		**202-966-0**
log Pow		4.51		
Reference temperature		22	°C	
with reference to	pH 7			
Method	OECD 117			
Source	ECHA			

Kinematic viscosity			
Value		15000	mPa*s
Reference temperature		20	°C
Type	dynamic		
Method	Brookfield		
Source	supplier		

Solvent content	
Value	40.0 %

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
Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions
When heating the product, explosive vapour-air mixtures can be formed.

10.4 Conditions to avoid
Heat, naked flames and other ignition sources. Moisture.

10.5 Incompatible materials
Acids; Alcohols; Bases; Amines; The product reacts slowly with water resulting in evolution of carbon dioxide. In closed containers, pressure build up could result distortion blowing and in extreme cases bursting of the container.

10.6 Hazardous decomposition products
In case of fire: see section 5.

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	**Reaction mass of xylene and ethylbenzene**	**-**	**905-588-0**

LD50	3523 mg/kg bodyweight
Species	rat
Method	EU Method B.1
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	**Product Name**
1	**SEAM GRIP +WP**
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 dermal > 2000 mg/kg).

Acute dermal toxicity
No data available

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	**Product Name**
1	**SEAM GRIP +WP**

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 data available

Skin corrosion/irritation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**diphenylmethane-4,4'-diisocyanate**	**101-68-8**	**202-966-0**
Duration of exposure		4	h
Species		rabbit	
Method		OECD 404	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	

Serious eye damage/irritation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**diphenylmethane-4,4'-diisocyanate**	**101-68-8**	**202-966-0**
Species		rabbit	
Method		OECD 405	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	

Respiratory or skin sensitisation			
No	**Substance name**	**CAS no.**	**EC no.**
1	**diphenylmethane-4,4'-diisocyanate**	**101-68-8**	**202-966-0**
Route of exposure		respiratory tract	
Species		guinea pig	
Source		ECHA	
Evaluation		sensitizing	
Evaluation/classification		Based on available data, the classification criteria are met.	
Route of exposure		Skin	
Species		guinea pig	
Method		OECD 406	
Source		ECHA	
Evaluation		sensitizing	
Evaluation/classification		Based on available data, the classification criteria are met.	

Germ cell mutagenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Reaction mass of xylene and ethylbenzene**	**-**	**905-588-0**
Species		Chinese hamster Ovary (CHO)	
Method		EU Method B.10	
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**
Type of examination		in vitro gene mutation study in bacteria	
Species		S. typhimurium TA 1535, TA 1537, TA 98 and TA 100	
Method		EU Method B.13/14	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Reproduction toxicity
No data available

Carcinogenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**Reaction mass of xylene and ethylbenzene**	**-**	**905-588-0**

Species	rats (male/female)
Method	EU Method B.32
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

Route of exposure	inhalational		
NOAEC		0.7	mg/m³
Duration of exposure		2	year(s)
Species	rat		
Method	87/302/EEC, Part B, p37		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are met.		

STOT - single exposure
No data available

STOT - repeated exposure			
No	**Substance name**	**CAS no.**	**EC no.**
1	**diphenylmethane-4,4'-diisocyanate**	**101-68-8**	**202-966-0**

Route of exposure	inhalational		
LOAEC		0.23	mg/m³
Species	rat		
Method	87/302/EEC, Part B, p37		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are met.		

Aspiration hazard
No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Vapours and Mist cause irritation effects to the eyes and the respiratory tract. Has a degreasing effect on the skin.

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 data available

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)
No data available

Toxicity to Daphnia (chronic)
No data available

Toxicity to algae (acute)
No data available

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	Reaction mass of xylene and ethylbenzene	-	905-588-0

Type	aerobic biodegradation		
Value		98	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	readily biodegradable		

No	Substance name	CAS no.	EC no.
2	diphenylmethane-4,4'-diisocyanate	101-68-8	202-966-0

Type	aerobic biodegradation		
Value		0	%
Duration		28	d
Method	OECD 301 F		
Source	ECHA		
Evaluation	not readily biodegradable		

12.3 Bioaccumulative potential

Bioconcentration factor (BCF)					
No	Substance name	CAS no.		EC no.	
1	diphenylmethane-4,4'-diisocyanate	101-68-8		202-966-0	
BCF	92	-	200		
Species	Cyprinus carpio				
Method	OECD 305 E				
Source	ECHA				

Partition coefficient n-octanol/water (log value)					
No	Substance name	CAS no.		EC no.	
1	Reaction mass of xylene and ethylbenzene	-		905-588-0	
log Pow	appr.		3.49		
Reference temperature			30	°C	
with reference to	pH >= 5 - <= 8				
Method	OECD 117				
Source	ECHA				
2	diphenylmethane-4,4'-diisocyanate	101-68-8		202-966-0	
log Pow			4.51		
Reference temperature			22	°C	
with reference to	pH 7				
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
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1 UN number or ID number

ADR/RID/ADN	UN1133
IMDG	UN1133
ICAO-TI / IATA	UN1133

14.2 UN proper shipping name

ADR/RID/ADN	ADHESIVES
IMDG	ADHESIVES
ICAO-TI / IATA	Adhesives

14.3 Transport hazard class(es)

ADR/RID/ADN - Class	3
Label	3
Classification code	F1
Tunnel restriction code	D/E
Hazard identification no.	30
Comments (ADR/RID/ADN)	Containers with a capacity <= 450 ltrs are not subject to ADR-regulations (refer to 2.2.3.1.5.)
IMDG - Class	3
Label	3
Comments (IMDG)	Containers with a capacity <= 450 ltrs are not subjected to IMDG regulations, chapter 4.1, 5.2 and 6.1 (see IMDG-Code 2.3.2.5)
ICAO-TI / IATA - Class	3
Label	3

14.4 Packing group

ADR/RID/ADN	III
IMDG	III
ICAO-TI / IATA	III

14.5 Environmental hazards

EmS	F-E, S-D

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
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-4,4'-diisocyanate**	**101-68-8**	**202-966-0**	**56, 74, 75, 77**
2	**tosyl isocyanate**	**4083-64-1**	**223-810-8**	**75**

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:	P5c

Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)		
VOC content	41.3	%
VOC-value	396..5	g/l

15.2 Chemical safety assessment

No data available.

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.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.
H351	Suspected of causing cancer.
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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