Telefax: +49 (0) 2445 852433

## **Safety Data Sheet**

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier Page 1 of 11

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

## 1.1. Product identifier

PUR 6101, 6105, 6205, 6305 Part B

#### Further trade names

PUR 6305 (PU Klebstoff) Kunststoffkartusche 50ml (25+25)
FI: R5YE-J5TX-Y009-JCU9

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

#### Use of the substance/mixture

Adhesives, sealants

#### Uses advised against

Any non-intended use.

#### 1.3. Details of the supplier of the safety data sheet

Company name: Nohtec GmbH
Street: Höhenweg 9
Place: D-53937 Schleiden
Telephone: +49 (0) 2445 852432

Internet: www.zyrobond.com

1.4. Emergency telephone Poison Information Center (GGIZ Erfurt): +49-361-730730

number:

#### **Further Information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878)

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

## Regulation (EC) No 1272/2008

Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 STOT RE 2; H373

Full text of hazard statements: see SECTION 16.

## 2.2. Label elements

## Regulation (EC) No 1272/2008

## Hazard components for labelling

Methylenediphenyldiisocyanate (isomers and homologues)

Signal word: Danger

Pictograms:





#### **Hazard statements**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

according to Regulation (EC) No 1907/2006

Revision date: 01.08.2023	PUR Part B  Product code: see Product identifier	Page 2 of 11	
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.		
H351	Suspected of causing cancer.		
H373	May cause damage to organs through prolonged or repeated exposure.		

P201 Obtain special instructions before use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P284 Wear respiratory protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. P342+P311 Dispose of contents/container to local/regional/national/international regulations. P501

## Special labelling of certain mixtures

**EUH204** Contains isocyanates. May produce an allergic reaction.

#### 2.3. Other hazards

The substances in the mixture (> 0.1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII. This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance (> 0.1 %) that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

## **SECTION 3: Composition/information on ingredients**

## 3.2. Mixtures

## Hazardous components

CAS No	Chemical name			Quantity	
	EC No	Index No		REACH No	
	Classification (Regulation (EC) No 1272/2008)				
9016-87-9	Polymeres Methylenediphenyldiisocyanate (MDI)			> 55 - < 100 %	
	Carc. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2; H351 H332 H315 H319 H334 H317 H335 H373				

Full text of H and EUH statements: see section 16.

## Specific Conc. Limits. M-factors and ATE

CAS No	EC No	Chemical name	Quantity		
	Specific Conc. L	Limits, M-factors and ATE			
9016-87-9		Polymeres Methylenediphenyldiisocyanate (MDI)	> 55 - < 100 %		
	inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = (>=0,368) mg/l (dusts or mists); dermal: LD50 = $>$ 9400 mg/kg; oral: LD50 = $>$ 5000 mg/kg				

## **Further Information**

Product does not contain listed SVHC substances > 0.1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

## **General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. Seek medical advice

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier

Page 3 of 11

immediately.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. In case of skin irritation, seek medical treatment.

#### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

## After ingestion

Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect). Do NOT induce vomiting. Seek medical advice immediately.

## 4.2. Most important symptoms and effects, both acute and delayed

See sections 2 and 11

## 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). Dry extinguishing powder. Alcohol resistant foam. Atomized water.

#### Unsuitable extinguishing media

High power water jet.

## 5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon dioxide. Carbon monoxide (CO). Nitrogen oxides (NOx). Gas/vapours, toxic

## 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

## Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

## **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

## General advice

Eliminate leaks immediately. Provide adequate ventilation.

Avoid exposure. Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol.

Wear personal protection equipment. (refer to chapter 8)

## For non-emergency personnel

Wear personal protection equipment (refer to section 8).

## For emergency responders

No special measures are necessary.

## 6.2. Environmental precautions

Discharge into the environment must be avoided.

## 6.3. Methods and material for containment and cleaning up

## For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

#### For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier Page 4 of 11

## 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## **SECTION 7: Handling and storage**

## 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid exposure - obtain special instructions before use. Provide adequate ventilation.

Wear suitable protective clothing. (refer to chapter 8)

## Advice on protection against fire and explosion

Usual measures for fire prevention.

## Advice on general occupational hygiene

Always close containers tightly after the removal of product. When using do not eat, drink or smoke. Wash hands before breaks and after work.

#### Further information on handling

General protection and hygiene measures: See section 8.

## 7.2. Conditions for safe storage, including any incompatibilities

## Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

## Hints on joint storage

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

## Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

Recommended storage temperature: 20 °C

Protect against: frost. UV-radiation/sunlight. heat. Humidity

## 7.3. Specific end use(s)

See section 1.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

## Additional advice on limit values

To date, no national critical limit values exist.

## 8.2. Exposure controls









#### Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Provide adequate ventilation as well as local exhaustion at critical locations.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). EN 166

## Hand protection

Wear suitable gloves.

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier Page 5 of 11

Suitable material:

FKM (fluororubber). - Thickness of glove material: 0,4 mm

Breakthrough time >= 8 h

Butyl rubber. - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

NBR (Nitrile rubber). - Thickness of glove material: 0,35 mm

Breakthrough time >= 8 h

PVC (Polyvinyl chloride). - Thickness of glove material: 0,5 mm

Breakthrough time >= 8 h

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

## Skin protection

Suitable protective clothing: Lab apron.

## Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

-Exceeding exposure limit values

-Insufficient ventilation and aerosol or mist formation

Suitable respiratory protective equipment: particulates filter device (DIN EN 143). type: P1-3

The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

## **Environmental exposure controls**

Do not allow uncontrolled discharge of product into the environment.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: copper
Odour: characteristic
Odour threshold: not determined

Melting point/freezing point:

Boiling point or initial boiling point and

>300 °C

boiling range:

Flammability: not determined Lower explosion limits: not determined Upper explosion limits: not determined Flash point: 205 °C >600°C Auto-ignition temperature: Decomposition temperature: not determined pH-Value: not determined Viscosity / kinematic: not determined Water solubility: insoluble

Solubility in other solvents not determined

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier

Page 6 of 11

Dissolution rate: not relevant Partition coefficient n-octanol/water: SECTION 12: Ecological information Dispersion stability: not relevant 0,0001 hPa Vapour pressure: Density (at 25 °C): 1,17 g/cm<sup>3</sup> Bulk density: not determined Relative vapour density: not determined Particle characteristics: not relevant

## 9.2. Other information

## Information with regard to physical hazard classes

Explosive properties not determined

Sustaining combustion: Not sustaining combustion

Self-ignition temperature

Solid: not relevant
Gas: not relevant

Oxidizing properties not determined

Other safety characteristics

Evaporation rate: not determined not determined Solvent separation test: Solvent content: not determined Solid content: not determined Sublimation point: not determined Softening point: not determined Pour point: not determined Viscosity / dynamic: 3000 mPa·s not determined Flow time:

## **Further Information**

No information available.

## **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

Exothermic reactions with: Oxidizing agents, strong. Reducing agents. Acid. Alkalis (alkalis).

## 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents, strong. Reducing agents. Acid. Alkalis (alkalis)...

#### 10.4. Conditions to avoid

Protect against: UV-radiation/sunlight. heat. moisture.

## 10.5. Incompatible materials

Oxidizing agents, strong. Reducing agents. Acid. Alkalis (alkalis). Amines. Alcohols. metals. Water.

## 10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

## **SECTION 11: Toxicological information**

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

## Toxicocinetics, metabolism and distribution

No data available.

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier

Page 7 of 11

#### Acute toxicity

Harmful if inhaled. (On basis of test data)

#### **ATEmix** calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) 11,00 mg/l; ATE (inhalation dust/mist) 1,500 mg/l

CAS No	Chemical name	Chemical name					
	Exposure route	Dose		Species	Source	Method	
9016-87-9	Polymeres Methylenediphenyldiisocyanate (MDI)						
	oral	LD50 mg/kg	> 5000		REACH Dossier	read-across	
	dermal	LD50 mg/kg	> 9400		REACH Dossier	read-across	
	inhalation vapour	ATE	11 mg/l				
	inhalation (4 h) dust/mist	LC50 mg/l	(>=0,368)		REACH Dossier	read-across	

## Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

## Sensitising effects

Contains isocyanates. May produce an allergic reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. (Polymeres Methylenediphenyldiisocyanate (MDI))

May cause an allergic skin reaction. (Polymeres Methylenediphenyldiisocyanate (MDI))

People who suffer from skin sensitazion problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

## Carcinogenic/mutagenic/toxic effects for reproduction

Suspected of causing cancer. (Polymeres Methylenediphenyldiisocyanate (MDI))

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

Methylenediphenyldiisocyanate (isomers and homologues):

In vitro mutagenicity/genotoxicity: Method: EU Method B.13/14 (Mutagenicity - Reverse Mutation Test Using Bacteria) Result / evaluation: negative.; In vivo mutagenicity/genotoxicity Method: OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test). Species: Rat. Result / evaluation: negative.; Carcinogenicity: Method: OECD 453. Species: Rat. Exposure duration: 2 years Result / evaluation: NOAEC = 0,2 mg/m³ Air.; Developmental toxicity/teratogenicity: Method: OECD 414. Species: Rat. Result / evaluation: NOAEC = 4 mg/m³ Air. Literature information: REACH Dossier

## STOT-single exposure

May cause respiratory irritation. (Polymeres Methylenediphenyldiisocyanate (MDI))

People who suffer from asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

## STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. (Polymeres

Methylenediphenyldiisocyanate (MDI))

Methylenediphenyldiisocyanate (isomers and homologues):

Chronic inhalation toxicity: Method: OECD 453. Species: Rat. Exposure duration: 2 years Result / evaluation:

NOAEC = 0,2 mg/m3 Air. Literature information: REACH Dossier

#### **Aspiration hazard**

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

## Specific effects in experiment on an animal

No data available.

## 11.2. Information on other hazards

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier

Page 8 of 11

#### **Endocrine disrupting properties**

This product does not contain a substance (> 0,1%) that has endocrine disrupting properties with respect to humans as no components meets the criteria.

#### Other information

No data available.

#### **Further information**

Symptoms: Ignition. Coughing. shortage of breath. Dizziness. Headache. vomiting. pulmonary oedema. pneumonia. Redness. Belly-ache. Skin corrosion/irritation: Asthmatic complaints. Lung irritation. gastro-intestinal ailment. Nausea.

## **SECTION 12: Ecological information**

#### 12.2. Persistence and degradability

The product has not been tested.

## 12.3. Bioaccumulative potential

Bioaccumulation is not anticipated since this material is hydrolytically unstable.

#### 12.4. Mobility in soil

No data available.

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

## 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The aforementioned statement applies to substances contained in the product with a minimum content of 0.1%.

#### 12.7. Other adverse effects

No data available.

#### **Further information**

Do not allow to enter into surface water or drains.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

## **Disposal recommendations**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal. Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

## List of Wastes Code - residues/unused products

080501 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes not otherwise specified in 08; waste isocyanates; hazardous waste

## List of Wastes Code - used product

080501 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF

COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes not otherwise specified in 08; waste isocyanates; hazardous waste

## List of Wastes Code - contaminated packaging

according to Regulation (EC) No 1907/2006

#### **PUR Part B**

Revision date: 01.08.2023 Product code: see Product identifier

Page 9 of 11

150110 WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by

hazardous substances; hazardous waste

#### Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

## **SECTION 14: Transport information**

Land transport (ADR/RID)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:No dangerous good in sense of this transport regulation.14.2. UN proper shipping name:No dangerous good in sense of this transport regulation.14.3. Transport hazard class(es):No dangerous good in sense of this transport regulation.14.4. Packing group:No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

## 14.6. Special precautions for user

refer to chapter 6 - 8

#### 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** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

2010/75/EU (VOC): not determined 2004/42/EC (VOC): not determined

Information according to 2012/18/EU Not subject to 2012/18/EU (SEVESO III)

(SEVESO III):

#### Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No 2020/878) The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. REACH 1907/2006 Appendix XVII, No (mixture): 3

## National regulatory information

according to Regulation (EC) No 1907/2006

## PUR Part B

Revision date: 01.08.2023 Product code: see Product identifier

Page 10 of 11

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile

work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## **SECTION 16: Other information**

## Changes

Rev. 1,00; 17.02.2015, Initial release

Rev. 2,00; 12.09.2018; Changes in chapter: 1-16 Rev. 3,00; 05.01.2021; Changes in chapter: 1, 15, 16 Rev. 4,00; 01.08.2023; Changes in chapter: 1-16

## Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement

concerning the International Carriage of Dangerous Goods by Road)

AGW: Arbeitsplatzgrenzwert CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging of substances and mixtures

**DNEL: Derived No Effect Level** 

d: day(s)

EINECS: European INventory of Existing Commercial chemical Substances

**ELINCS: European List of Notified Chemical Substances** 

ECHA: European Chemicals Agency EWC: European Waste Catalogue

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

h: hour

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect concentration

NLP: No-Longer Polymers

N/A: not applicable

OECD: Organisation for Economic Co-operation and Development

PNEC: predicted no effect concentration PBT: Persistent bioaccumulative toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

REACH: Registration, Evaluation, Authorisation of Chemicals

SVHC: substance of very high concern TRGS: Technische Regeln für Gefahrstoffe

**UN: United Nations** 

VOC: Volatile Organic Compounds WGK: Water Hazard Class (Germany)

according to Regulation (EC) No 1907/2006

# PUR Part B Revision date: 01.08.2023 Product code: see Product identifier Page 11 of 11

## Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure			
Acute Tox. 4; H332	On basis of test data			
Skin Irrit. 2; H315	Calculation method			
Eye Irrit. 2; H319	Calculation method			
Resp. Sens. 1; H334	Calculation method			
Skin Sens. 1; H317	Calculation method			
Carc. 2; H351	Calculation method			
STOT SE 3; H335	Calculation method			
STOT RE 2; H373	Calculation method			

## Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH204	Contains isocyanates. May produce an allergic reaction.

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)