

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

1. Identification of the substance/preparation and of the company/undertaking**1.1 Identification of the substance or preparation:**

Schnellgießharz 001A

1.2 Use of the substance/preparation:

Hardener

1.3 Company/undertaking identification

Company name: Gößl + Pfaff GmbH
 Street: Münchener Str. 13
 Place: 85123 Karlskron/Brautlach
 Telephone: +49 (0) 8450 / 932-0
 Fax.: +49 (0) 8450 / 932-13
 Contact person: Management: Mr. Gößl, Mr. Pfaff
 E-Mail: info@goessl-pfaff.de
 Internet: www.goessl-pfaff.de
 Responsible Department: Management

1.4 Emergency telephone**Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0) 6132-84463****2. Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

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**GB CLP Regulation****Hazard components for labelling**

4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate
 o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate
 Diphenylmethanediisocyanate, isomers, homologs
 2,2'-methylenediphenyl diisocyanate; diphenylmethane-2,2'-diisocyanate

Signal word: Danger**Hazard statements**

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.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

Precautionary statements

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

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

Special labelling of certain mixtures

EUH204 Contains isocyanates. May produce an allergic reaction.

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

2.3. Other hazards

In the case of hypersensitivity of the respiratory tract (asthma, chronic bronchitis), it is discouraged from handling the product. Symptoms on the airways may also occur several hours after overexposure. Dust, vapours and aerosols are the main danger to the respiratory tract. This substance/this mixture contains no components at concentrations of 0.1 % or higher that are classified as either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

3. Composition/information on ingredients

3.1. Substances

Chemical characterization

Polyisocyanate based on diphenylmethane diisocyanate

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate			25 – < 50 %
	202-966-0		01-2119457014-47	
	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			
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate			25 – < 50 %
	227-534-9		01-2119480143-45	
	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			
9016-87-9	Diphenylmethanediisocyanate, isomers, homologs			10 – < 25 %
	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			
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate			1 – < 5 %
	219-799-4		01-2119927323-43	
	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			
99-63-8	Isophthalic acid dichloride			0,1 – < 0,3 %
	202-774-7		01-2119493993-19	
	Acute Tox. 3, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1; H331 H312 H314 H318			

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

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
Specific Conc. Limits, M-factors and ATE			
101-68-8	202-966-0	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate	25 – < 50 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 0,368 mg/l (dusts or mists); dermal: LD50 = > 9400 mg/kg; oral: LD50 = > 2000 mg/kg	
5873-54-1	227-534-9	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate	25 – < 50 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 0,387 mg/l (dusts or mists); dermal: LD50 = > 9400 mg/kg; oral: LD50 = > 2000 mg/kg	
9016-87-9		Diphenylmethanediisocyanate, isomers, homologs	10 – < 25 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 0,31 mg/l (dusts or mists); dermal: LD50 = > 9400 mg/kg; oral: LD50 = > 2000 mg/kg	
2536-05-2	219-799-4	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate	1 – < 5 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 0,527 mg/l (dusts or mists); dermal: LD50 = > 9400 mg/kg; oral: LD50 = > 2000 mg/kg	
99-63-8	202-774-7	Isophthalic acid dichloride	0,1 – < 0,3 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: LD50 = 1410 mg/kg; oral: LD50 = > 2000 mg/kg	

4. First aid measures

4.1. Description of first aid measures

General information

Never give anything by mouth to an unconscious person or a person with cramps. In all cases of doubt, or when symptoms persist, seek medical advice. If unconscious place in recovery position and seek medical advice. Remove contaminated, saturated clothing immediately.

After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration. Seek medical advice immediately. Provide fresh air.

After contact with skin

Change contaminated clothing. After contact with skin, wash immediately with plenty of water and soap

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. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

In case of respiratory tract irritation, consult a physician.

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

Informations for the doctor: The product irritates the respiratory tract and is a potential trigger for skin and respiratory sensitizations. The treatment of acute irritation or bronchoconstriction is primarily symptomatic. Depending on the extent of exposure and symptoms, prolonged medical attention may be necessary.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam. Carbon dioxide (CO₂). Extinguishing powder. Water spray.

Unsuitable extinguishing media

High power water jet.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance itself, combustion products, resulting gases: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x). Isocyanates. Hydrocyanic acid (hydrocyanic acid). The product itself does not burn.

5.3. Advice for firefighters

Use water spray jet to protect personnel and to cool endangered containers. Do not allow water used to extinguish fire to enter drains or waterways. Wear a self-contained breathing apparatus and chemical protective clothing.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8. Provide adequate ventilation. Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Clean with detergents. Avoid solvent cleaners. Treat the recovered material as prescribed in the section on waste disposal.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

All work processes must always be designed so that the following is excluded:
Eye contact. skin contact. Inhalation of vapours or spray/mists. When using do not eat, drink, smoke, sniff.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Further information on handling

Never use pressure to empty container.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.
When using do not smoke. Access is only to be granted to authorised personnel.

Advice on storage compatibility

Materials to avoid: Acid. Base. Oxidizing agents.

Further information on storage conditions

Keep/Store only in original container. storage temperature: of °C: +10 up to °C: +30
Protect against: moisture. frost.
Do not empty into drains.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

8. Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate			
	Worker DNEL, long-term	inhalation	local	0,05 mg/m ³
	Worker DNEL, acute	inhalation	local	0,1 mg/m ³
	Consumer DNEL, long-term	inhalation	local	0,025 mg/m ³
	Consumer DNEL, acute	inhalation	local	0,05 mg/m ³
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate			
	Worker DNEL, acute	inhalation	local	0,1 mg/m ³
	Consumer DNEL, long-term	inhalation	local	0,025 mg/m ³
	Consumer DNEL, acute	inhalation	local	0,05 mg/m ³
	Worker DNEL, long-term	inhalation	local	0,05 mg/m ³
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate			
	Worker DNEL, long-term	inhalation	local	0,05 mg/m ³
	Worker DNEL, acute	inhalation	local	0,1 mg/m ³
	Consumer DNEL, long-term	inhalation	local	0,025 mg/m ³
	Consumer DNEL, acute	inhalation	local	0,05 mg/m ³

PNEC values

CAS No	Substance	Environmental compartment	Value
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate		
		Freshwater	1 mg/l
		Marine water	0,1 mg/l
		Micro-organisms in sewage treatment plants (STP)	1 mg/l
		Soil	1 mg/kg
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate		
		Freshwater	1 mg/l
		Marine water	0,1 mg/l
		Micro-organisms in sewage treatment plants (STP)	1 mg/l
		Soil	1 mg/kg
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate		
		Freshwater	1 mg/l
		Marine water	0,1 mg/kg
		Micro-organisms in sewage treatment plants (STP)	1 mg/l
		Soil	1 mg/kg

Additional advice on limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Tested protective gloves are to be worn.; DIN EN 374: Suitable material:

NBR (Nitrile rubber). Thickness of the glove material: $\geq 0,35\text{mm}$;

Breakthrough time (maximum wearing time): $\geq 480\text{min}$

CR (polychloroprene, chloroprene rubber) Thickness of the glove material: $\geq 0,5\text{mm}$;

Breakthrough time (maximum wearing time): $\geq 480\text{min}$

Butyl caoutchouc (butyl rubber). Thickness of the glove material: $\geq 0,5\text{mm}$;

Breakthrough time (maximum wearing time): $\geq 480\text{min}$

FKM (fluoro rubber) Thickness of the glove material: $\geq 0,4\text{mm}$;

Breakthrough time (maximum wearing time): $\geq 480\text{min}$

Before using check leak tightness / impermeability. Barrier creams are not substitutes for body protection.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Avoid contact with skin, eyes and clothes. Take off immediately all contaminated clothing.

Wash hands before breaks and after work. Protect skin by using skin protective cream.

Respiratory protection

Respiratory protection necessary at: aerosol or mist generation. In the case of the formation of dust.

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

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	light brown
Odour:	earthy

Changes in the physical state

Boiling point or Initial boiling point and boiling range

Test method

DIN 53171

Flash point:

$> 200\text{ °C}$

DIN EN 22719

Ignition temperature:

$> 400\text{ °C}$

DIN 51794

Vapour pressure (at 20 °C):

0,0001 hPa

EG A4

Density (at 20 °C):

1,22 g/cm³

DIN 51757

Viscosity/dynamic (at 23 °C):

ca. 25 mPa·s

DIN 53019

Solvent content:

0 %

9.2 Other information:

100 %

Solid content:

10. Stability and reactivity

10.2. Chemical stability

$> 200\text{ °C}$ Polymerization. Formation of: Carbon dioxide.

10.3. Possibility of hazardous reactions

Exothermic reactions with: Amines. Alcohols. Water. (Danger of bursting container).

10.4. Conditions to avoid

Materials to avoid: Alkalis (alkalis), concentrated. Acid, concentrated. Oxidizing agents.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

11. Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

orally: Formaldehyde, oligomeric reaction products with aniline and phosgene (oligomeric MDI);

LD50 rat: > 2,000 mg / kg; Toxicological studies on a comparable product.

inhalation: Formaldehyde, oligomeric reaction products with aniline and phosgene (oligomeric MDI);

LD50 rat: 490 mg / m³, 4h; Test substance: as aerosol;

Concentration of the saturated vapor of 4,4'-MDI at 25 ° C: 0.09 mg / m³;

Toxicological studies on a comparable product.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate				
	oral	LD50 > 2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 9400 mg/kg	Rabbit		OECD 402
	Inhalation vapour	ATE 11 mg/l			
	inhalation (4 h) dust/mist	LC50 0,368 mg/l	Rat		OECD 403
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate				
	Oral	LD50 > 2000 mg/kg	Rat		OECD 401
	Dermal	LD50 > 9400 mg/kg	Rabbit		OECD 402
	Inhalation vapour	ATE 11 mg/l			
	inhalation (4 h) dust/mist	LC50 0,387 mg/l	Rat		OECD 403
9016-87-9	Diphenylmethanediisocyanate, isomers, homologs				
	oral	LD50 > 2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 9400 mg/kg	Rabbit		OECD 402
	inhalation (4 h) dust/mist	LC50 0,31 mg/l	Rat		OECD 403
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate				
	oral	LD50 > 2000 mg/kg	Rat		OECD 401
	dermal	LD50 > 9400 mg/kg	Rabbit		OECD 402
	Inhalation vapour	ATE 11 mg/l			
	inhalation (4 h) dust/mist	LC50 0,527 mg/l	Rat		OECD 403
99-63-8	Isophthalic acid dichloride				
	oral	LD50 > 2000 mg/kg	Rat		
	dermal	LD50 1410 mg/kg	Rat		
	inhalation vapour	ATE 3 mg/l			
	inhalation aerosol	ATE 0,5 mg/l			

Further information

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Sensitised persons may subsequently show asthmatic symptoms when exposed to atmospheric concentrations well below the OEL.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

12. Ecological information

12.1. Toxicity

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method	
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate						
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Danio rerio (zebrafish)		OECD 203	
	Acute algae toxicity	ErC50 > 1640 mg/l	72 h	Scenedesmus subspicatus		OECD 201	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202 (24h)	
	Algae toxicity	NOEC > 1000 mg/l	14 d	Avena sativa		OECD 208	
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)		OECD 202	
	Acute bacteria toxicity	(EC 50 > 100 mg/l)	3 h	Activated sludge		OECD 209	
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate						
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Danio rerio (zebrafish)		OECD 203	
	Acute algae toxicity	ErC50 > 1640 mg/l	72 h	Scenedesmus subspicatus		OECD 201	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202 (24h)	
	Algae toxicity	NOEC > 1000 mg/l	14 d	Avena sativa		OECD 208	
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)		OECD 202	
	Acute bacteria toxicity	(EC50 > 100 mg/l)	3 h	Activated sludge		OECD 209	
9016-87-9	Diphenylmethanediisocyanate, isomers, homologs						
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Danio rerio (zebrafish)		OECD 203	
	Acute algae toxicity	ErC50 > 1640 mg/l	72 h	Scenedesmus subspicatus		OECD 201	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202 (24h)	
	Algae toxicity	NOEC > 1000 mg/l	14 d	Avena sativa		OECD 208	
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)		OECD 211	
	Acute bacteria toxicity	(EC50 > 100 mg/l)	3 h	Activated sludge		OECD 209	
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate						
	Acute fish toxicity	LC50 > 1000 mg/l	96 h	Danio rerio (zebrafish)		OECD 203	
	Acute algae toxicity	ErC50 mg/l > 1640 mg/l	72 h	Scenedesmus subspicatus		OECD 201	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna (Big water flea)		OECD 202 (24h)	
	Algae toxicity	NOEC > 1000 mg/l	14 d	Avena sativa		OECD 208	
	Crustacea toxicity	NOEC > 10 mg/l	21 d	Daphnia magna (Big water flea)		OECD 202	
	Acute bacteria toxicity	(EC50 > 100 mg/l)	3 h	Activated sludge		OECD 209	

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

99-63-8	Isophthalic acid dichloride				
	Acute fish toxicity	LC50 133,7 mg/l	96 h	Pimephales promelas (fathead minnow)	OECD 203
	Acute algae toxicity	ErC50 > 996 mg/l	96 h	Desmodesmus subspicatus	OECD 201
	Acute crustacea toxicity	EC50 > 952 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202
	Acute bacteria toxicity	(EC50 617,1 mg/l)	3 h	Activated sludge	OECD 209

12.2. Persistence and degradability

CAS No	Chemical name	Method	Value	d	Source
		Evaluation			
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate	OECD 302 C	0%	28	
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate	OECD 302 C	0%	28	
9016-87-9	Diphenylmethanediisocyanate, isomers, homologs	OECD 302 C	0%	28	
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate	OECD 302 C	0%	28	
99-63-8	Isophthalic acid dichloride	OECD 301B	85,2%	14	

12.3. Bioaccumulative potential

BCF

CAS No	Chemical name	BCF	Species	Source
101-68-8	4,4'-Methylenediphenyldiisocyanate, Diphenylmethane-4,4'-diisocyanate	200	Cyprinus carpio (Common Carp)	
5873-54-1	o- (p-Isocyanatobenzyl) phenyl isocyanate, diphenylmethane-2,4'-diisocyanate	200	Cyprinus carpio (Common Carp)	
9016-87-9	Diphenylmethanediisocyanate, isomers, homologs	92	Cyprinus carpio (Common Carp)	
2536-05-2	2,2'-methylenediphenyl diisocyanate, diphenylmethane-2,2'-diisocyanate	200	Cyprinus carpio (Common Carp)	

12.5. Results of OBT and vPvB assessment

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

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.

Further information

The product decomposes with water at the interface to form carbon dioxide to a solid, refractory and insoluble reaction product (polyurea) to.

This reaction is greatly promoted by surfactants (e.g., liquid soaps) or water-soluble solvents.

Polyurea is according to previous experience inert and non-degradable.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Waste disposal number of waste from 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.

Waste disposal number of used product

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.

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packages can be recycled.

14. Transport information

Other applicable information

Not a hazardous material with respect to transportation regulations.

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, Entry 56

National regulatory information

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

16. Other information

Change(s) in section(s): 3, 11

Relevant H and EUH statements (number and full text)

H312 Harmful in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H331 Toxic if inhaled.
 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.

Safety Data Sheet

According to Regulation EC No. 1907/2006

Schnellgießharz 001A grau Isocyanate

Date of issue/Date of revision: 11.08.2022

en / GB - Version 1.3

The information of this MSDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this MSDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.