

SECTION 1: Identification of the substance or mixture and the company

1.1. Product identifier

Interior paint with film protection against mould (treated goods) Federal Institute for Occupational Safety and Health (BauA) Reg no.:N-109272

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

Use of the substance/mixture

Coating

1.3. Details relating to the supplier that provided the safety data sheet

Company name:	PCI GmbH
Street:	Königspergerstr.
Location:	5 D-93426
Telephone:	Roding
Email:	+49 (0)9461-402592
Website: Information	info@pc-int.de
provided by division:	www.schimmelschock40.com
	+49 (0)9461-402592 / info@pc-int.de

1.4. Emergency number:

Charitee Berlin - Universitätsmedizin Berlin
Poison Control Centre – Hindenburgdamm 30
12203 Berlin
Telephone: +49 (0) 3068 6700

SECTION 2: Potential hazards

2.1. Classification of the substance or

mixture Regulation (EC) No. 1272/2008

Hazard categories:

Aerosol1

Respiratory/skin sensitisation: Sens. skin 1

Aquatic Chronic 3;

2.2. Labelling elements

Regulation (EC) No. 1272/2008

Hazard-determined components of labelling

3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate Diuron (ISO); 3-(3,4-Dichlorophenyl)-1,1-dimethylurea
Octhillinon (ISO); 2-Octyl-2H-isothiazole-3-on

Signal word: Danger

Pictograms:



Hazard warnings

H222-H229	H222-H229 Extremely flammable aerosol. Container is under pressure: can burst when heated.
H317	May cause allergic skin reactions.
H412	Harmful to aquatic organisms, with long-lasting effects.
EUH 211	Warning! Dangerous respirable droplets can form when sprayed. Do not inhale aerosol or mist.

Safety instructions

P101	If medical advice is required, have packaging or label to hand. Keep out of the reach of children.
P102	Keep away from heat, hot surfaces, sparks, open flames and other sources of ignition. Do not smoke.
P210	Do not spray against naked flame or other ignition source. Do not pierce or burn, even after use. Do not inhale aerosol.
P211	Keep out of sunlight. Do not expose to temperatures above 50 °C. Dispose of the contents/container in accordance with regional regulations
P251	
P260	
P410+P412	
P501	

SECTION 3: Composition/details on constituent parts

3.2. Mixtures Hazardous

ingredients

CAS No.:	Description	Share
	EC No. Index No. REACH No.	
	GHS classification	
115-10-6	Dimethylether	30 - 40 %
	204-065-8 603-019-00-8 01-2119472128-37	
	Flam. Gas 1, H220 Press. Gas (Comp.); H220 H280	
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate	< 0.24 %
	259-627-5 616-212-00-7	
	Acute tox. 3, Acute tox. 4, Eye dam. 1, Skin sens. 1, STOT RE 1, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1 (M-Factor = 1); H331 H302 H318 H317 H372 H400 H410	
1314-13-2	Tinc oxide	< 0.15 %
	215-222-5 030-013-00-7	
	Aquatic Acute 1 H400 / Aquatic Chronic 1 H410	
13463-41-7	Zinc pyrithione	< 0.19 %
	236-671-3	
	Acute tox. 3, Acute tox. 3, Eye dam. 1, Aquatic Acute 1 (M-Factor = 100), Aquatic Chronic 1 (M-Factor = 10); H331 H301 H318 H400 H410	
26530-20-1	Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on	< 0.07 %
	247-761-7 613-112-00-5	
	Acute tox. 3, Acute tox. 3, Acute tox. 4, Skin corr. 1B, Skin sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H331 H311 H302 H314 H317 H400 H410	
886-50-0	Terbutryn	< 0.04 %
	212-950-0	
	Acute tox. 4 H302 / Aquatic Acute 1 H400 (M = 10) / Aquatic Chronic 1 H410 (M = 10)	

H and EUH statements text: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures.

General information

In all cases of doubt or if symptoms are present, seek medical advice.
Never give anything by mouth to an unconscious person or if cramps are occurring. If unconscious, place in a stable lateral position and seek medical advice.

After inhalation

Provide fresh air. Medical treatment required. Remove the person affected to fresh air and keep warm and calm.

In the event of breathing difficulties or respiratory arrest, initiate artificial respiration.

After skin contact

In the event of contact with skin, wash immediately with polyethylene glycol and then with plenty of water.

Take off all contaminated items of clothing straight away and wash before wearing again. Medical treatment required. Contaminated clothing must be changed immediately.

In the event of contact with the skin, wash immediately with plenty of water and soap. Do not wash off with: Solvents/dilutions

After eye contact

In the event of contact with the eyes, rinse immediately with running water for 10 to 15 minutes with the eye lid open and consult an eye specialist. Remove any contact lenses if possible. Continue to rinse. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the accident victim is conscious). Consult a doctor immediately.

Keep the affected person quiet and cover / keep warm. Do not induce vomiting.

4.2. Major symptoms and effects that are either acute or delayed

No information available.

4.3. Notes on immediate medical attention or special treatment

Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1. Extinguishing agents

Suitable extinguishing

agents

Arrange extinguishing measures in accordance with the surroundings. alcohol-resistant foam, carbon dioxide (CO₂), extinguishing powder, water mist

Unsuitable extinguishing agents

Full water jet

5.2. Specific hazards arising from the substance or mixture

Non-flammable. Vapours may form explosive mixtures with air. Heavy soot development during combustion.

Hazardous decomposition products: Soot. Risk of serious damage to health in the event of prolonged exposure. Use suitable respiratory protection.

5.3. Information on fighting fire

Wear self-contained breathing apparatus and chemical protection suit. Full protection suit. Use water jet spray for the protection of people and for cooling containers in the danger area.

Collect contaminated extinguishing water separately. Do not let it enter the sewer system or waterways.

Additional information

Use water jet spray for the protection of people and for cooling containers in the danger area. Suppress gases/vapours/mist with water spray jet. Collect contaminated extinguishing water separately. Do not let it enter the sewer system or waterways.

SECTION 6: Measures in the event of unintentional release

6.1. Personal precautions, protective equipment and emergency procedures.

Make sure there is ample ventilation. Do not inhale gas/smoke/vapour/aerosol. Avoid contact with skin, eyes and clothes. Use personal protective equipment. Contains: Solvents - From ignition sources

keep away - do not smoke. Ventilate the affected area. Avoid breathing in dust/smoke/gas/mist/vapour/aerosols. Safe handling: see Section 7
Personal protective equipment: see Section 8

6.2. Environmental protection measures

Do not let it enter the sewer system or waterways. Do not let it enter the sewer system or waterways. Notify the relevant authorities in the event of gas leakage or if it enters water, soil or sewage systems.

6.3. Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder). Treat the assimilated material according to the Disposal section. Prevent widespread expansion (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder).
Collect in suitable, closed containers and take to Disposal. Disposal: see Section 13 Cleaning with detergents. Avoid solvents.

6.4. Reference to other sections

Safe handling: see Section 7 Personal protective equipment: see Section 8 Disposal: see Section 13

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Notes on safe handling

For open handling, devices with local exhaust ventilation must be used. Do not inhale gas/smoke/vapour/aerosol. Contains: Solvents – In case of insufficient ventilation and/or through use, formation of explosive / highly flammable mixtures is possible. Only use the material in places where open light, fire and other sources of ignition are kept away. Use explosion-proof electrical equipment.

Do not empty the container with pressure. Keep/store only in the original container. Do not let it enter the sewer system or waterways. Keep away from heat sources (e.g. hot surfaces), sparks and open flames.

Avoid contact with skin, eyes and clothes. Avoid: Inhalation of vapours or mists/aerosols, inhalation of dust/particles. Do not eat, drink or smoke when working.

Notes on fire and explosion safety

Solvents – Vapours are heavier than air, spread on the ground and form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Ensure containers are sealed shut. Keep chemicals under lock and key Store in a place that is only accessible to authorised persons. Ensure adequate ventilation and spot extraction at critical points. Store in accordance with: Industrial Safety Ordinance (BetrSichV)

Notes on combined storage

Do not store together with: Oxidising agents, strong acid, strong lye

Further details on storage conditions Follow the

instructions for use on the label. Storage temperature of _____ °C - ____ °C.

Ingredients: Solvents – Keep container tightly closed and store in a cool, well-ventilated place. Keep out of sunlight. Keep away from ignition sources – Do not smoke. Store in a place that is only accessible to authorised persons. Always seal containers tightly after product removal.



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Storage category according to TRGS 510: 2 B

7.3. Specific end uses

Coatings and paints, thinners, paint removers

SECTION 8: Limiting and monitoring exposure/personal protective equipment

8.1. Parameters to be monitored

Occupational exposure limits

(TRGS 900)

CAS No.:	Description	ppm	mg/m ³	F/m ³	Peak limit	Type
26530-20-1	2-Octyl-2H-isothiazole-3-on		0.05 E		2 (I)	
55406-53-6	3-Iod-2-propinylbutyl carbamate	0.005	0.058		2 (I)	
115-10-6	Dimethylether		1900		8(II)	

PNEC values

CAS No.:	Description	Value
Environmental compartment		
55406-53-6	3-Iod-2-propinylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate	

8.2. Limiting and monitoring exposure Suitable

technical control equipment

For open handling, devices with local exhaust ventilation must be used. Do not inhale gas/smoke/vapour/aerosol. Make sure there is ample ventilation.

For open handling, devices with local exhaust ventilation must be used if possible.

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

Protective and hygiene measures

Immediately remove soiled and soaked clothing. Prepare and observe skin protection plan! Wash hands and face thoroughly before breaks and at the end of work, shower if necessary. Do not eat or drink during work.

Eye/face protection

Suitable eye protection: Safety goggles.

Hand protection

When handling chemical agents, only chemical protective gloves with CE markings including a four-digit identification number may be worn. Chemical protective gloves should be chosen depending on the concentration and amount of hazardous materials handled specific to the workplace. It is recommended to clarify the chemical resistance of the abovementioned protective gloves for particular applications with the glove manufacturer. Wear suitable safety gloves. Replace if worn!

Chemical protective gloves should be chosen depending on the concentration and amount of hazardous materials handled specific to the workplace.

It is recommended to clarify the chemical resistance of the abovementioned protective gloves for particular applications with the glove manufacturer. Observe the manufacturer's instructions.

Suitable material: Nitrile 0.35 mm breakthrough time (maximum wearing period) > 0 min. 480 min.

Apply a skin protection cream before handling the product.

Body protection



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Wear suitable protective clothing when working. (/



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Respiratory protection

For brief exposure or low pollution, use a respiratory filter; for intensive or longer exposure, use a self-contained breathing apparatus.

Limiting and monitoring exposure to the environment

Do not let it enter the sewer system or waterways.

SECTION 9: Physical and chemical properties

9.1. Information about basic physical and chemical properties

Physical state:	Aerosol	
Colour:	In accordance with product designation:	
Odour:	distinctive	
		Test standard
pH value:		unspecified
Changes of state		
Melting point:		unspecified
Initial boiling point and boiling range:		Not applicable, because aerosol.
Flashpoint:		Not applicable, because aerosol.
Flammability		
Solid:		not applicable not applicable
Gas:		applicable
Lower explosive limit		3.3 % Vol.
Upper explosive limit:		26.2 % Vol.
Auto-ignition temperature		
Solid:		not applicable not applicable
Gas: Decomposition temperature:		applicable unspecified
Ignition temperature:		240 °C
Vapour pressure:		4,000 hPa
Density (at 20 °C):		0.82 g/cm ³ DIN 53217
Water solubility:		Not mixable or only slightly mixable
Solubility in other solvents		
unspecified partition coefficient:		unspecified
Run-down time: (at 23 °C) vapour density:		unspecified
Evaporation rate:		unspecified

9.2. Other disclosures

Solid content: unspecified

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions occur if handled and stored according to specifications.

10.2. Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3. Possibility of dangerous reactions

Exothermic reaction with: Oxidising agents, strong acid, strong lye

10.4. Conditions to be avoided

When heated: Formation of: Hazardous decomposition products

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

nitrogen oxides (NO_x), soot, carbon dioxide (CO₂), carbon monoxide

SECTION 11: Toxicological details

11.1. Details on toxicological effects Acute toxicity

toxicity

The classification criteria are not fulfilled due to the data available.

CAS No.:	Description				
	Route of exposure	Dose	Species	Source	Method
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate				
	oral	ATE 500 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			
330-54-1	Diuron (ISO); 3-(3,4-Dichlorophenyl)-1,1-dimethylurea				
	oral	ATE 500 mg/kg			
13463-41-7	Zinc pyriothione				
	oral	ATE 100 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			
26530-20-1	Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on				
	oral	ATE 500 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalative steam	ATE 3 mg/l			
	inhalative aerosol	ATE 0.5 mg/l			

Irritation and caustic effect

Causes serious eye damage.

Caustic / irritative effect on the skin: The classification criteria are not fulfilled due to the data available.

Sensitising effects

May cause allergic skin reactions. (3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate; Octhilinon (ISO); 2-Octyl-2H-isothiazole-3-on)

Carcinogenic, mutagenic, reprotoxic effects

May be carcinogenic. (Diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea) Germ cell mutagenicity: The classification criteria are not fulfilled due to the data available. Reproductive toxicity: The classification criteria are not fulfilled due to the data available.

Specific target organ toxicity - single exposure

The classification criteria are not fulfilled due to the data available.

Specific target organ toxicity in the case of repeated exposure:

May cause damage to organs through prolonged or repeated exposure. (3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate)

Aspiration hazard

The classification criteria are not fulfilled due to the data available.

Other disclosures regarding tests

The mixture is classified as hazardous within the meaning of Regulation (EC) No. 1272/2008 [CLP]. Specific hazards arising from the substance or mixture!

Hands-on experience

Observations relevant for classification

After inhalation:

Possible adverse effects on humans and possible symptoms: May irritate the airways. May damage the liver if inhaled. May damage the kidneys if inhaled. Depression of the central nervous system.

Symptoms: Headaches, dizziness, drowsiness, unconsciousness

After eye contact:

Irritates the eyes. (reversible.)

After skin contact:

Can be absorbed through the skin. Frequent and prolonged skin contact may cause skin irritation. Has a degreasing effect on the skin.

General remarks

There are no data available for the mixture. Classification under Regulation (EC) No 1272/2008 [CLP] Reference to other sections: 2, 3

SECTION 12: Environmental information

12.1. Toxicity

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No.:	Description					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
55406-53-6	3-Iod-2-propynylbutyl carbamate; 3-Iodprop-2-yn-1-yl-butyl carbamate					
	Acutely toxic to fish	LC50 mg/l	0.43	96 h	Brachydanio rerio (zebrafish)	
	Acutely toxic to crustacea	EC50 mg/l	0.21	48 h	Daphnia magna	
13463-41-7	Zinc pyriithione					
	Acutely toxic to fish	LC50 mg/l	0.0026	96 h	Pimephales promelas (thickheaded minnow)	
	Acutely toxic to algae	ErC50 mg/l	0.028		Selenastrum capricornutum	
	Acutely toxic to crustacea	EC50 mg/l	0.0082	48 h	Daphnia magna	

12.2. Persistence and degradability

The product has not been checked.

12.3. Bioaccumulation potential

The product has not been checked.



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12.4. Mobility in the ground

The product has not been checked.

12.5. Results of PBT- and vPvB assessment

The product has not been checked.

12.6. Other harmful effects

No information available.

Further information

Do not let it enter the sewer system or waterways. Do not let it enter the foundation/ground. There are no data available for the mixture.

Do not let it enter the sewer system or waterways.

SECTION 13: Instructions for disposal

13.1. Waste treatment procedure

Recommendations for disposal

Do not let it enter the sewer system or waterways. Do not let it enter the foundation/ground. Disposal according to official regulations. Do not let it enter the sewer system or waterways. Remove in accordance with official regulations.

Disposal of unpurified packaging and recommended cleaning agents

This product and its container must be disposed of as hazardous waste. Contaminated packaging must be treated like the material. Completely emptied packaging can be sent for recycling. Remove in accordance with official regulations.

SECTION 14: Information on transportation

Overland transport

(ADR/RID) 14.1. UN number:	UN1950
14.2. Proper UN shipping name:	1950 COMPRESSED GAS PACKS
14.3. Transport hazard classes:	2.1
14.4. Packing group:	2.1
Danger label:	
Classification code:	5 L
Special directives:	E0
Limited quantity (LQ): Ordered quantity:	1L
Transport category:	2
Hazard number: Tunnel restriction code:	D

Inland waterway transportation

(ADN) 14.1. UN number:	UN1950
14.2. Proper UN shipping name:	1950 COMPRESSED GAS PACKS
14.3. Transport hazard classes:	2.1
14.4. Packing group:	Not applicable.
Danger label:	2.1
Classification code:	
Special directives:	-
Limited quantity (LQ): Ordered quantity:	1 L
Transport category:	E0

Maritime transportation (IMDG)



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14.1. UN number: UN1950

14.2. Proper UN shipping name: AEROSOLS

14.3. Transport hazard classes: 2.1

14.4. Packing group: Not applicable.

Danger label: Special 2.1

directives:

Limited quantity (LQ): 1 L

Ordered quantity: E0

EmS: F-D,S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: 14.2. UN1950

Proper UN shipping name: AEROSOLS, flammable

14.3. Transport hazard classes: 2.1

14.4 Packing group: Danger label: Not applicable.

Special directives: 2.1

Limited quantity (LQ) Passenger: 1 L

Ordered quantity: E0

IATA maximum quantity – Passenger:
IATA- 1 litre

14.5. Environmental hazards

HAZARDOUS TO THE ENVIRONMENT: Not applicable.

14.6. Special precautions for the user

Please note: Gases

14.7. Bulk goods transportation in accordance with Appendix II of the MARPOL-Convention and IBC code

not applicable.

SECTION 15: Legislation

15.1. Safety regulations, health and environmentally-related legal provisions for the substance or mixture

EU legislation

Use restrictions (REACH, Annex XVII):

Information on the VOC Directive 2004/42/EC: 0.45 % (4.833 g/l)

National regulations

Employment restrictions: Comply with employment restrictions for adolescents (§ 22 Young Persons Protection of Employment Act JArbSchG). Comply with employment restrictions for those who are pregnant and breastfeeding (Sections 11 and 12 of the Maternity Protection Act (MuSchG)).

Water hazard class: Status: 1 – mildly hazardous to water
Classification of mixtures according to Annex 1, No. 5 AWSV



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Additional information

National regulations must also be observed!

15.2. Chemical safety assessment

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

SECTION 16: Other disclosures

Abbreviations and acronyms used

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of
Chemicals EINECS: European Inventory of Existing Commercial Chemical
Substances ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Classification of mixtures and evaluation method used in accordance with Regulation (EC) No 1272/2008

[CLP]

Classification	Classification procedure
Aerosol1; H222 - H290	Calculation method
Skin Sens. 1; H317	Calculation method

H and EUH statements text (number and full text)

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode when heated. Toxic if
H301 swallowed.
H302 Harmful if swallowed. Toxic in case of
H311 skin contact.
H314 Causes severe irritation of the skin and severe eye damage. May cause
H317 allergic skin reactions.
H318 Causes serious eye damage. Toxic
H331 if inhaled.
H351 May be carcinogenic.
H372 Damages the organs in the event of prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated
H400 exposure. Very toxic to aquatic organisms.
H410 Very toxic for aquatic life with long lasting effects.

Further details

The information in this safety data sheet was, to the best of our knowledge, correct at the time going to press. The information is intended to provide you with advice on how to safely handle the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferrable to other products. Should the product be combined, mixed or handled with other materials or undergo processing, the details in this safety data sheet cannot be transferred to the new material manufactured in this way unless specifically indicated otherwise.

(The hazardous ingredients data was always taken from the latest valid safety data sheet of the pre-supplier).