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PC1 Adhesives, sealants
Adhesives

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Anwendungstechnik
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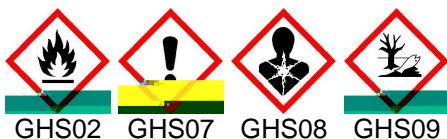
Flam. Liq. 2	H225	Highly flammable liquid and vapour.
Repr. 2	H361f	Suspected of damaging fertility.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Skin Irrit. 2	H315	Causes skin irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

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The product is classified and labelled according to the CLP regulation.

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Danger

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HYDROCARBONS, C6, ISOALKANES, <5% N-HEXANE
n-hexane

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H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H361f Suspected of damaging fertility.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

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P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.

(Contd. on page 2)

(Contd. of page 1)

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- -
 - Not applicable.
 - Not applicable.

Solvent based adhesive, based on
 Styrene butadiene rubber

	hexane, mixture of isomers (containing less than 5 % n-hexane EEC No 203-777-6)	25-50%
	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 287-92-3 EINECS: 206-016-6	cyclopentane	5-10%
	Flam. Liq. 2, H225; Aquatic Chronic 3, H412	
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-0000	propan-2-ol	< 2.5%
	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 110-54-3 EINECS: 203-777-6	n-hexane	< 2.5%
	Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 109-66-0 EINECS: 203-692-4	pentane	< 2.5%
	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119480433-40-0000	2,6-di-tert-butyl-p-cresol	< 0.5%
	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302	

For the wording of the listed risk phrases refer to section 16.

Instantly remove any clothing soiled by the product.
 Take affected persons into the open air.

In case of unconsciousness bring patient into stable side position for transport.
 Supply fresh air.

Instantly wash with water and soap and rinse thoroughly.
 If skin irritation continues, consult a doctor.

(Contd. on page 3)

(Contd. of page 2)

- Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- Do not induce vomiting; instantly call for medical help.

- No further relevant information available.

- No further relevant information available.

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- Water haze

- Foam

- Fire-extinguishing powder

- Carbon dioxide

- Water with a full water jet.

- Formation of toxic gases is possible during heating or in case of fire.

- Do not inhale explosion gases or combustion gases.

- Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.

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- Wear protective equipment. Keep unprotected persons away.

- Ensure adequate ventilation

- Keep away from ignition sources

- Use breathing protection against the effects of fumes/dust/aerosol.

- Wear protective clothing.

- Prevent material from reaching sewage system, holes and cellars.

- Inform respective authorities in case product reaches water or sewage system.

- Do not allow to enter drainage system, surface or ground water.

- Ensure adequate ventilation.

- Do not flush with water or aqueous cleansing agents

- Send for recovery or disposal in suitable containers.

- Use non sparking handtools.

- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders)

- See Section 7 for information on safe handling

- See Section 8 for information on personal protection equipment.

- See Section 13 for information on disposal.

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- Store in cool, dry place in tightly closed containers.

(Contd. on page 4)

(Contd. of page 3)

Ensure good ventilation/exhaustion at the workplace.
 Ensure that suitable extractors are available on processing machines
 Take note of emission threshold.
 Use solvent-proof equipment.
 Keep away from children
 Avoid release to the environment.
 Keep eye wash bottles available on working place.

Keep ignition sources away - Do not smoke.
 Protect from heat.
 Protect against electrostatic charges.
 Highly volatile, flammable constituents are released during processing.
 Fumes can combine with air to form an explosive mixture.
 Flammable mixtures may be formed in empty containers.

Store in cool location.
 Keep dark, cool and dry.

Not required.

Store in cool, dry conditions in well sealed containers.

No further relevant information available.

Please take care on national and local requirements.

WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm
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WEL	Long-term value: 72 mg/m ³ , 20 ppm
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WEL	Long-term value: 1800 mg/m ³ , 600 ppm
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Based on information valid at the time of writing.

Keep away from food, drink and animal feedingstuffs.
 Instantly remove any soiled and impregnated garments.
 Wash hands during breaks and at the end of the work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the skin.
 Avoid contact with the eyes and skin.

In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
 Not necessary if room is well-ventilated.

(Contd. on page 5)

(Contd. of page 4)

Ensure that suitable extractors are available on processing machines

Filter AX

Solvent resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Butyl rubber, BR

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Tightly sealed safety glasses.

Protective work clothing.

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.	Fluid
.	Yellow-brown
.	Characteristic
.	Not determined.
.	Not determined.
.	Not determined
.	57 °C
.	-25 °C
.	Not applicable.
.	
.	Not determined.
.	Product is not selfigniting.
.	Product is not explosive. However, formation of explosive vapour/air mixtures is possible.
.	0.8 Vol %
.	8.0 Vol %
.	530 hPa
.	0.78 g/cm ³
.	Not determined.
.	Not determined.
.	Not determined.
.	Not miscible or difficult to mix
.	Not determined.
.	Not determined.
.	Not determined.
.	Not determined.

(Contd. on page 6)

(Contd. of page 5)

64.1 %
No further relevant information available.

No decomposition if used according to specifications.

Develops readily flammable vapours / fumes

No further relevant information available.

No further relevant information available.

No dangerous decomposition products known

Oral	LD50	890 mg/kg (rat)
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Irritant for skin and mucous membranes.

No irritant effect.

No sensitizing effect known.

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

Repr. 2

No further relevant information available.

No further relevant information available.

No further relevant information available.

No further relevant information available.

Toxic for fish

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

Danger to drinking water if even small quantities leak into soil.

Not applicable.

(Contd. on page 7)

Not applicable.

(Contd. of page 6)

No further relevant information available.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Hand over to disposers of hazardous waste.

Incineration under approved, controlled conditions using incinerators suitable or designed for the disposal of hazardous chemical wastes, is the preferred method for disposal.

08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

Disposal must be made according to official regulations.

UN1133

1133 ADHESIVES, ENVIRONMENTALLY HAZARDOUS
ADHESIVES (hexane, mixture of isomers (containing less than 5 % n-hexane EEC No 203-777-6), HEXANES), MARINE POLLUTANT
ADHESIVES

3 Flammable liquids.
3

II

Product contains environmentally hazardous substances: hexane, mixture of isomers (containing less than 5 % n-hexane EEC No 203-777-6)

Yes

Symbol (fish and tree)

Symbol (fish and tree)

Warning: Flammable liquids.

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F-E,S-D

Not applicable.

(Contd. on page 8)

(Contd. of page 7)

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•	
•	5L
•	Code: E2
•	Maximum net quantity per inner packaging: 30 ml
•	Maximum net quantity per outer packaging: 500 ml
•	2
•	D/E
•	
•	5L
•	Code: E2
•	Maximum net quantity per inner packaging: 30 ml
•	Maximum net quantity per outer packaging: 500 ml
•	Suitable UN approved container necessary.
•	
•	Suitable UN approved container necessary.
•	UN1133, ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS

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•		
•		
•	64.10 %	
•	500.0 g/l	
•		A Chemical Safety Assessment has not been carried out.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information provided about the product on this Safety Sheet has been compiled from knowledge of the individual constituent.

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.

H225 Highly flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

(Contd. on page 9)

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(Contd. of page 8)

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

- Anwendungstechnik
- Dr. Florian Kopp, Bereich Chemie, Tel.: +49 (0) 8106/2421-17
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RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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 Harmonised 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 (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3