



SAFETY DATA SHEET KON P4C Part A

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, February 2016

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name KON P4C Part A

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

Application Resin.

Details of the supplier of the safety data sheet

Supplier **Konnect Fastening Systems**
235 Settlement Road
Thomastown
Victoria, 3074 Australia
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Web www.konnectfasteningsystems.com.au

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SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Repr. 2 - H361d STOT RE 2 - H373

Environmental hazards Not Classified

Label elements

Hazard pictograms



Signal word WARNING

Hazard statements H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.

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Precautionary statements	<p>P260 Do not breathe vapours.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P314 Get medical advice/ attention if you feel unwell.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p>
Contains	STYRENE
Labelling notes	<p>The product is not flammable.</p> <p>On basis of test data.</p> <p>UN Test N.1 and ASTM D4359-90</p>

SECTION 3: Composition and information on ingredients

Mixtures

STYRENE	5-10%
CAS number: 100-42-5	
Classification	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Repr. 2 - H361d	
STOT SE 3 - H335	
STOT RE 1 - H372	
Asp. Tox. 1 - H304	
TITANIUM DIOXIDE	>0.5 <1.0%
CAS number: 13463-67-7	
Classification	
Not Classified	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin Contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause respiratory irritation.
Ingestion	May cause discomfort if swallowed.
Skin contact	May cause irritation.

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Eye contact May irritate eyes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

Hazardous combustion products Oxides of carbon.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Avoid breathing vapours.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from oxidising materials, heat and flames.

Storage class Chemical storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

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STYRENE

Long-term exposure limit (8-hour TWA): 50 ppm 213 mg/m³

Short-term exposure limit (15-minute): 100 ppm 426 mg/m³

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): 10 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.

Environmental exposure controls

Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid.
Colour	Beige.
Odour	Aromatic.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Flammability Limit - Lower(%)	Not determined.
Other flammability	Not determined.
Vapour pressure	Not applicable.
Vapour density	Not determined.

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Relative density	1.65 - 1.75 @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Insoluble in water
Partition coefficient	Not determined.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not determined.
Viscosity	Not applicable.
Explosive properties	No information available.
Oxidising properties	Does not meet the criteria for classification as oxidising.

SECTION 10: Stability and reactivity

Reactivity	The following materials may react with the product: Organic peroxides/hydroperoxides.
Stability	Stable at normal ambient temperatures.
Possibility of hazardous reactions	Does not decompose when used and stored as recommended.
Conditions to avoid	Avoid excessive heat for prolonged periods of time.
Materials to avoid	Organic peroxides/hydroperoxides.
Hazardous decomposition products	Oxides of carbon.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 110.4

Specific target organ toxicity - repeated exposure

Target organs Causes damage to hearing organs through prolonged or repeated exposure via inhalation

Inhalation Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

Ingestion May cause discomfort if swallowed.

Skin Contact May cause irritation.

Eye contact May cause eye irritation.

Acute and chronic health hazards May cause skin irritation. May cause eye irritation. Gas or vapour is harmful on prolonged exposure or in high concentrations. May cause damage to organs (Hearing organs) through prolonged or repeated exposure if inhaled. May damage the unborn child.

Route of exposure Inhalation Skin and/or eye contact.

Toxicological information on ingredients.

STYRENE

KON P4C Part A**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,000.0

Species Rat

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 11.0

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

NTP carcinogenicity Reasonably anticipated to be a human carcinogen.

TITANIUM DIOXIDE**Acute toxicity - oral**

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.**STYRENE****Acute aquatic toxicity**

Acute toxicity - fish LC50, 96 hours: 10 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 4.7 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 4.9 mg/l, Selenastrum capricornutum

TITANIUM DIOXIDE**Acute aquatic toxicity**

Acute toxicity - fish LC0, >: 1000 mg/l, Leuciscus idus (Golden orfe)
REACH dossier information

Acute toxicity - aquatic invertebrates NOEC, > 48 hours: 3 mg/l, Daphnia magna
REACH dossier information

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Acute toxicity - microorganisms

EC₅₀, > 3 hours: 1000 mg/l, Activated sludge
REACH dossier information

Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

Partition coefficient Not determined.

Mobility in soil

Mobility Not applicable.

Other adverse effects

Other adverse effects Not applicable.

SECTION 13: Disposal considerations

Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

Disposal methods Dispose of waste via a licensed waste disposal contractor.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADG).

UN number

Not applicable.

UN proper shipping name

Not applicable.

Transport hazard class(es)

No transport warning sign required.

Packing group

Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Guidance Workplace Exposure Limits EH40.

SECTION 16: Any other relevant information

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General information	The product is not flammable. On basis of test data. UN Test N.1 and ASTM D4359-90
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	13/01/2020
Version number	2.000
Supersedes date	3/09/2015
SDS No.	20766
Hazard statements in full	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H361d Suspected of damaging the unborn child. H372 Causes damage to organs (Hearing) through prolonged or repeated exposure if inhaled. H373 May cause damage to organs through prolonged or repeated exposure.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.