



SAFETY DATA SHEET KON V4C part B

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 V4C part B

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

Application Catalyst.

Details of the supplier of the safety data sheet

Supplier **Konnect Fastening Systems**
235 Settlement Road
Thomastown
Victoria, 3074 Australia
Ph: 1800 566 632

Web www.konnectfasteningsystems.com.au

Contact Person quality@cgl.com.au

Emergency telephone number **AU: 1800 033 111 NZ: 0800 734 607**
INT: +61 (0) 3 9663 2130
emergency.response.service@ixom.com

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Eye Irrit. 2A - H319 Skin Sens. 1 - H317

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Human health May cause skin disorders if contact is repeated or prolonged. The product is irritating to eyes and skin.

Environmental The product contains a substance which is very toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Not considered to be a significant hazard due to the small quantities used.

Label elements

Hazard pictograms



Signal word WARNING

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Skin Contact Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

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. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Ingestion May cause discomfort if swallowed.

Skin contact Causes skin irritation.

Eye contact Irritation of eyes and mucous membranes.

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 specific firefighting precautions applicable when small quantities are involved in the fire.

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.

Hazchem Code 2Z

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 Keep away from heat, sparks and open flame.

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Advice on general occupational hygiene Do not eat, drink or smoke when using this product. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from flammable and combustible materials. Store at temperatures between 5°C/41°F and 25°C/77°F.

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

BENZOYL PEROXIDE

Long-term exposure limit (8-hour TWA): 5 mg/m³

Sen

Sen = Respiratory and/or skin sensitiser.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves made of the following material: Nitrile rubber.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

Respiratory protection

No specific recommendations.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid.
Colour	Black.
Odour	Characteristic.
Odour threshold	Not determined.
pH	5 - 6
Melting point	Not applicable.
Initial boiling point and range	Not applicable.
Flash point	Not applicable.

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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 determined.
Vapour density	Not determined.
Relative density	1.5 - 1.6
Bulk density	Not applicable.
Solubility(ies)	Not determined.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.
Decomposition Temperature	>50°C
Viscosity	> 60 S ISO2431
Explosive properties	No information available.
Oxidising properties	Not determined.

SECTION 10: Stability and reactivity

Reactivity	The following materials may react with the product: Acids. Alkalis. Amines. Strong reducing agents.
Stability	Stable at normal ambient temperatures and when used as recommended. Will decompose at temperatures exceeding 50°C.
Possibility of hazardous reactions	Will not polymerise.
Conditions to avoid	Avoid contact with strong reducing agents. Avoid heat. Avoid contact with acids and alkalis.
Materials to avoid	Strong reducing agents. Acids, non-oxidising. Acids - organic. Alkalis - inorganic. Alkalis - organic. Amines.
Hazardous decomposition products	Oxides of carbon.

SECTION 11: Toxicological information

Information on toxicological effects

Skin sensitisation

Skin sensitisation Sensitising.

Inhalation No specific health hazards known.

Ingestion May cause discomfort if swallowed.

Skin Contact Irritating to skin. May cause sensitisation by skin contact.

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Eye contact	Irritation of eyes and mucous membranes.
Route of exposure	Skin and/or eye contact
Medical Symptoms	Skin irritation. Irritation of eyes and mucous membranes.
Medical considerations	No information available.

Toxicological information on ingredients.

BENZOYL PEROXIDE

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

SECTION 12: Ecological information

Ecological information on ingredients.

BENZOYL PEROXIDE

Acute aquatic toxicity

LE(C)₅₀	0.01 < L(E)C ₅₀ ≤ 0.1
M factor (Acute)	10
Acute toxicity - fish	LC ₅₀ , 96 hours: 0.06 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.11 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours: 0.07 mg/l, Selenastrum capricornutum

Chronic aquatic toxicity

M factor (Chronic) 10

BENZOIC ACID,NONYL ESTER,BRANCHED AND LINEAR

Acute aquatic toxicity

Acute toxicity - fish	LC ₅₀ , 24 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)
	LC ₅₀ , 48 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)
	LC ₅₀ , 72 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)
	EC ₅₀ , 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)
	NOEC, 96 hours: > 1.23 mg/l, Cyprinus carpio (Common carp)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 24 hours: > 2.2 mg/l, Daphnia magna
	EC ₅₀ , 48 hours: > 2.2 mg/l, Daphnia magna
	NOEC, 48 hours: > 2.2 mg/l, Daphnia magna
Acute toxicity - microorganisms	IC ₅₀ , 3 hours: > 1000 mg/l, Activated sludge
	NOEC, 3 hours: > 1000 mg/l, Activated sludge

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bioaccumulative Potential No data available on bioaccumulation.

Partition coefficient Not determined.

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Mobility in soil

Mobility Mobile. The product is partly miscible with water and may spread in the aquatic environment.

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

UN number

UN No. (ADG) 3077

UN No. (IMDG) 3077

UN No. (ICAO) 3077

UN proper shipping name

Proper shipping name (ADG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS BENZOYL PEROXIDE, BENZOIC ACID, NONYL ESTER, BRANCHED AND LINEAR)

Transport hazard class(es)

ADG class 9

ADG classification code M7

ADG label 9

IMDG class 9

ICAO class/division 9

Transport labels



Packing group

ADG packing group III

IMDG packing group III

ICAO packing group III

Environmental hazards

Environmentally hazardous substance/marine pollutant



Special precautions for user

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EmS F-A, S-F
Hazchem Code 2Z

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

SECTION 15: Regulatory information**SECTION 16: Any other relevant information**

General information	On basis of test data. Solid - ASTM D4359-90
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	13/01/2020
Version number	3.000
Supersedes date	14/08/2018
SDS No.	20773
Hazard statements in full	H241 Heating may cause a fire or explosion. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

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.