



SAFETY DATA SHEET

KON P4C – Part A

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 Coventry Group Limited
235 Settlement Road
Thomastown
Victoria, 3074
Australia
(03) 9205 8290
1300 566 632

Web www.cgl.com.au

Contact Person Information@cgl.com.au

EMERGENCY TELEPHONE NUMBER

Emergency Telephone 1800 033 111

SECTION 2: HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Physical Hazards Flam. Liq. 3 - H226

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

Environmental Hazards Not Classified

LABEL ELEMENTS

Pictogram



Signal Word Warning

Hazard Statements H226 Flammable liquid and vapour
H361d CLP only - Suspected of damaging the unborn child
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements P260 Do not breathe vapours.
P280 Wear protective gloves / protective clothing / eye protection / face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
P314 Get medical advice / attention if you feel unwell.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P403+P235 Store in a well ventilated place. Keep cool.

Contains STYRENE

KON P4C – Part A**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 - H316d STOT SE 3 - H335 STOT RE 1 - H372 Asp. Tox. 1 - H304	

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 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. Get medical attention if 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

Inhalation	May cause respiratory irritation.
Ingestion	May cause discomfort if swallowed.
Skin Contact	May cause skin irritation / eczema.
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.
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SECTION 5: FIREFIGHTING MEASURES**EXTINGUISHING MEDIA**

Suitable Extinguishing Media	Extinguish with foam, carbon dioxide or dry powder.
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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 gasses or vapours.
Special Protective Equipment for Firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
Hazchem Code	•3Y

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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 MATERIALS 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 Do not use in confined spaces without adequate ventilation and / or respirator.

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

STYRENE

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

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

The following protection should be worn: Chemical splash goggles.

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. Use appropriate skin cream to prevent drying of skin. Do not eat, drink or smoke when using this product.

Respiratory Protection

Respiratory protection may be required if excessive airborne contamination occurs.

Environmental Exposure Controls

Keep container tightly sealed when not in use.

KON P4C – Part A**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Liquid.
Colour	Beige.
Odour	Aromatic.
Odour Threshold	Not determined.
pH	Not applicable.
Melting Point	-30.4°C
Initial Boiling Point and Range	>145°C
Flash Point	31°C
Evaporation Rate	Not determined.
Evaporation Factor	Not determined.
Flammability (solid, gas)	Not determined.
Flammability Limit - Lower (%)	Not determined.
Other Flammability	Not determined.
Vapour Pressure	6 hPa @ 20°C
Vapour Density	Not determined.
Relative Density	1.65 - 1.75 @ 20°C
Bulk Density	Not applicable.
Solubility Value (g/100g H₂O 20°C)	Insoluble in water.
Partition Coefficient	Not determined.
Auto-Ignition Temperature	490°C
Decomposition Temperature	Not determined.
Viscosity	> 60 S ISO2431
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 use and stores 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) 110.17

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE

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

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Inhalation	Gas or vapour in high concentrations may irritate the respiratory systems. Symptoms following overexposure may include the following: Coughing.
Ingestion	May cause discomfort if swallowed.
Skin Contact	Liquid may irritate skin.
Eye Contact	Irritating to eyes.
Acute and Chronic Health Hazards	Irritating to skin. Irritating to eyes. Gas or vapour is harmful on prolonged exposure or in high concentrations. May cause damage to organs through prolonged or repeated exposure if inhaled.
Route of Entry	Inhalation Skin and / or eye contact.
Medical Symptoms	Skin irritation. Irritation of eyes and mucous membranes.

STYRENE**ACUTE TOXICITY - ORAL**

Acute Toxicity Oral (LD₅₀mg/kg) 5,000.0

Species Rat

ACUTE TOXICITY - DERMAL

Acute Toxicity Dermal (LD₅₀mg/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 Reasonable anticipated to be a human carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

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

STYRENE

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

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.

KON P4C – Part A**SECTION 14: TRANSPORT INFORMATION****UN NUMBER**

UN No. (ADG) 1866

UN No. (IMDG) 1866

UN No. (ICAO) 1866

UN PROPER SHIPPING NAME

Proper Shipping Name (ADG) RESIN SOLUTION

Proper Shipping Name (IMDG) RESIN SOLUTION

Proper Shipping Name (ICAO) RESIN SOLUTION

TRANSPORT HAZARD CLASS(ES)

ADG Class 3

ADG Classification Code F1

ADG Label 3

IMDG Class 3

ICAO Class / Division 3

Transport Labels

**PACKING GROUP**

ADG Packing Group III

IMDG Packing Group III

ICAO Packing Group III

ENVIRONMENTAL HAZARDS

Environmentally hazardous substance / marine pollutant No.

SPECIAL PRECAUTIONS FOR USER

EmS F-E, S-E

Hazchem Code •3Y

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.

INVENTORIESEU - EINECS/ELINCS *STYRENE*

US - TSCA All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification None of the ingredients are listed or exempt.

KON P4C – Part A**SECTION 16: ANY OTHER RELEVANT INFORMATION**

Revision Comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision Date	24/08/2017
SDS No.	20766
Version Number	1.000
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. H316d CLP only - Suspected of damaging the unborn child. H372 Causes damages to organs (Hearing) through prolonged or repeated exposure if inhaled H373 May cause damage to organs through prolonged or repeated exposure.

This information related 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.