SAFETY DATA SHEET

The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this material safety data sheet do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

SECTION 1 - IDENTIFICATION

Product Name:	602 - Penetrating Sealer WB
Other Names:	Non Film-Forming Sealer, Penetrating Sealer
Product Code:	602
Product Type:	Waterproofing Sealer
Major Ingredients:	Water, Silane/Siloxane Emulsion
Product Use:	Water repellent for porous masonry substrates.
Company Details:	Base Coatings Pty Ltd (ABN 47 168 205 829)
Address:	3B 62 O'Riordan St Alexandria NSW 2015
Telephone:	1300 850 540
Emergency Telephone:	1300 850 540
Other Information:	Users should verify currency of this data sheet if more than 3 years old.

SECTION 2 - HAZARD(S) IDENTIFICATION

Hazardous Nature:	Classified as hazardous under Work Safe Australia criteria
Hazardous Classification:	Acute Toxicity - Dermal: 2
Hazardous Statement:	Warning
GHS Pictograms	

Health Hazards

Hazard Statements:

H315: Causes skin irritation
H319: Causes eye irritation

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing spray.
P264: Wash skin thoroughly after handling.
P271: Use only outdoors or in a well ventilated area.
P280: Wear protective gloves/protective clothing/eye protection.
P403+P235: Store in a well ventilated place. Keep cool.
P501: Dispose of contents/container to waste disposal.

Dangerous Goods Classification:	N/A
Poisons Schedule:	N/A

SECTION 3 - COMPOSITION AND INFORMATION ON INGREDIENTS

CAS No: None allocated

Chemical Ingredients:

Name	CAS	Proportion
Silane / Siloxane	N/A	<65%
Ethanol	64-17-5	<5%

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SECTION 4 - FIRST AID MEASURES

For advice, contact Poisons Information Centre (Australia Ph.: 13 11 26) or a doctor.

Inhalation:	Using proper respiratory protection, immediately remove the affected victim from exposure and to fresh air. Keep at rest. Seek medical attention if symptoms occur.
Skin Contact:	Flush area with large amounts of water and wash area with soap if available. Remove contaminated clothing, including shoes, and launder before reuse. Seek medical attention for skin irritations.
Eye Contact:	Flush eyes with large amounts of water until irritation subsides. Seek medical attention if symptoms persist.
Ingestion:	If swallowed DO NOT induce vomiting, rinse mouth with water. Keep at rest. Seek medical attention.
First Aid Facilities:	Provide eye baths and safety showers.
Medical Attention:	Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Shut off product that may "fuel" a fire if safe to do so. Allow trained personnel to attend a fire in progress, providing firefighters with the Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

Hazchem Code:	N/A
Extinguishing Agents:	Water spray, water fog, fine mist, alcohol-resistant foam, sand, or dry chemical powder
Hazards from Combustion:	Carbon oxides, Silicone oxides and Formaldehyde.
Precautions:	Fire-fighters should wear full protective clothing and self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.
Major Land Spill:	Eliminate sources of ignition. Warn occupants of downwind areas. Prevent liquid from entering sewers, watercourses or low lying areas. Keep the public away from the area. Shut off the source of the spill if possible to do so. Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation. Take measures to minimise the effect on ground water. Contain the spill with sand or earth. Recover by pumping using an explosion proof pump or hand pump, or with a suitable material. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. See "First Aid Measures" and "Stability and Reactivity"
Major Water Spill:	Eliminate any sources of ignition. Warn occupants of downwind areas. Notify the port or relevant authority and keep public away from the area. Shut off the source of the spill if safe to do so. Confine the spill if possible. Remove the product from the surface by skimming or with a suitable absorbent material. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. See "First Aid Measures" and "Stability and Reactivity"

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe handling:	Keep container closed when not in use. Handle containers with care. Open slowly to control possible pressure release. Stir well before use.
Conditions for Safe Storage:	Store in a cool, dry place away from direct sunlight. Do not pressurise, cut, or pierce containers. Store away from incompatible materials mentioned in section 10 of this safety data sheet.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards:

Name	TWA	
	mg/m3	ppm
Ethanol	1900	1000

Biological Limit:	No data available
Other Exposure Info:	As published by the National Occupational Health and Safety Commission (NOHSC): TWA – the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.
Engineering Controls:	The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION (CONTINUED)

Personal Protection

Respiratory Protection:	Where concentrations in air may exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure be inhalation. A type "A" filter material is considered suitable.
Eye Protection:	Always use safety glasses or a face shield when handling this product.
Skin / Body Protection:	Always wear long sleeves and long trousers or overalls, and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves (e.g. PVC) be worn when handling this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White liquid
Odour:	Slight
pH Value:	approx. 7-8
Viscosity:	N/A
Flash Point:	N/A
Boiling Point / Range:	N/A
Specific Gravity:	0.93-0.97g/ml
Relative Density (20°C):	N/A
Solubility in Water:	Miscible

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable at room temperature and pressure.
Conditions to avoid:	Strong oxidising agents.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, organic complexes on incomplete burning or oxidation.
Hazardous Reactions:	Stored mixtures with MEK produce explosive peroxides. Increased rate of peroxide formation with Isobutanol. Peroxide production sharply decreases the Autoignition Temperature. Violent, explosive reactions with metal oxides, oxidising agents, halogenate
Hazardous Polymerisation:	Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Effects

Inhalation:	This product may be irritating to the respiratory tract and/or mucous membranes.
Ingestion:	Symptoms of nausea, vomiting and/or irritation to the gastrointestinal tract can occur if swallowed. Lung damage may be caused. Bronchopneumonia or pulmonary oedema could be caused if a small volume of liquid enters the respiratory system during vomiting or ingestion.
Skin:	This product is irritating to the skin with prolonged exposure. It may result in dryness and cracking.
Eye:	This product is irritating to the eyes.
Chronic Effects:	No information available.
Other Health Effects:	No information available.
Toxicity Data:	No information available

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No information available.
Persistence / Degradability:	Silicone ingredients are not readily biodegradable. Siloxanol, silanol and other hydrolysis products can form polysiloxane. Eradication of polymers is by absorption to activated sludge. Ethanol is readily biodegradable.
Mobility:	Contents of silicone can be absorbed by floating particles and seperated by sedimentation.
Other Harmful Effects:	None known of.

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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, or poured into sand or soil and allowed to dry and then disposed of via domestic waste collection once dry. Empty containers should be left open in a well ventilated area to dry out. When dry recycle the container via local recycling programs where available. Disposal of empty containers via domestic recycling programs may differ between local authorities. Check with your local authority first. Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

SECTION 14 - TRANSPORT INFORMATION

Road and Rail Transport:

UN No.:	N/A
Proper Shipping Name:	N/A
DG Class:	-
Sub. Risk:	None
Packaging Group:	-
Hazchem:	-

Marine Transport:

UN No.:	N/A
Proper Shipping Name:	N/A
DG Class:	-
Sub. Risk:	None
Packaging Group:	-
Hazchem:	-

Air Transport:

UN No.:	N/A
Proper Shipping Name:	N/A
DG Class:	-
Sub. Risk:	None
Packaging Group:	-
Hazchem:	-

Transportation Note: This product is not classified as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SECTION 15 - REGULATORY INFORMATION

Country / Region:	Australia
Inventory:	AICS
Status:	Listed

SECTION 16 - OTHER INFORMATION

END OF SAFETY DATA SHEET

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Base Coatings cannot anticipate or control the conditions under which the product may be used, therefore each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.