SAFETY DATA SHEET

Rapid Set WunderFixx

Section 1: Identification of the Material and Suppliers

Product Name	Rapid Set WunderFixx
Product Code	703010050, 703011900, 703020002, 703020009, 703040050, 703990002, 703990009
Recommended Use	Industrial use.
Importer	Volumetric Concrete Australia Pty Ltd ABN 12 132 245 204 19-21 Cann Street, Guildford NSW 2161 1300 320 799 www.antoun.com.au
Emergency Contact Number	13 11 26 (Poisons Information Centre)

Section 2: Hazard Identification

Classification of the Hazardous Chemical	Classified as HAZARDOUS according to Safe Work Australia criteria. Not Classified as a dangerous good by the criteria of the ADG code, IMDG or IATA.
GHS Classification	Skin corrosion/irritation - Category 2 Serious eye damage/eye irritation - Category 1 Carcinogenicity - Category 2 Specific Target Organ Toxicity, Single Exposure - Category 3 respiratory tract irritation Specific Target Organ Toxicity, Repeated Exposure - Category 2 (Lungs)
Signal Word	Danger
Hazard Pictograms	
Hazard Statements	H315 Causes skin irritation. H318 Causes serious eye damage. H351 Suspected of causing cancer. H335 May cause respiratory irritation. H373 May cause damage to organs (Lungs) through prolonged or repeated exposure.
Prevention Statements	P201 Obtain special instructions before use.

	P202 Do not handle until all safety precautions have been read and understood. P264 Wash thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response Statements	P308 + P311 If exposed or concerned: Get medical advice/attention. P305 + P351 + P338 + P310 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison centre/doctor. P302 + P352 If on skin: Wash with plenty of water. P332 + P313 + P362 + P364 If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Storage Statements	P401 + P233 Store in dry place. Keep container tightly closed.
Disposal Statements	P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Ingredients

Chemical Entity	CAS Number	Proportion
Calcium Sulfoaluminate	960375-09-1	20-40%
Portland Cement	65997-15-1	15-35%
Smectite Clay	12199-37-0	0-2%
Limestone	1317-65-3	20-50%
Vinyl Acetate-Ethylene Copolymer	108-05-4	0-10%
Iron Oxide	12227-89-3	0-5%
Silica (Quartz) Crystalline	14808-60-7	<0.1%

Section 4: First Aid Measures

Description of First Aid Measures

Eye	Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Inhalation	If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.
Skin	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Ingestion	Immediately rinse mouth and drink plenty of water. Call an ambulance and take these instructions. Get medical attention if symptoms occur.

Advise to Doctor	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
First Aid Facilities	Not determined or not applicable.
Most Important Symptoms and Effects, Both Acute and Delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Upper respiratory tract irritation. Coughing. Discomfort in the chest. Shortness of breath. Skin irritation.
Immediate Medical Attention and Special Treatment Needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

Section 5: Firefighting Measures

Extinguishing Media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards	During fire, gases hazardous to health may be formed.
Advice for Firefighters	Use standard firefighting procedures and consider the hazards of other involved materials. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so without risk.
Hazchem Code	None allocated.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Environmental Precautions	Avoid discharge into drains or water courses.
Methods and Materials for Containment and Cleaning Up	Stop the flow of material if this is without risk. If sweeping of a contaminated area is necessary, use a dust suppressant agent which does not react with the product. Collect dust using a vacuum cleaner. Minimize dust generation and accumulation. Prevent entry into waterways, sewer, basements, or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

Section 7: Handling and Storage

Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Storage	Store in original tightly closed container. Store in dry location. Store away from incompatible materials (see Section 10 of the SDS).

Section 8: Exposure Controls and Personal Protection

Ingredient	CAS Number	Reference	TWA		STEL	
			ppm	mg/m^3	ppm	mg/m^3
Portland Cement	65997-15-1	SWA (AUS)	-	10	-	-
Vinyl Acetate-Ethylene Copolymer	108-05-4	SWA (AUS)	10	35	20	70
Silica (Quartz) Crystalline	14808-60-7	SWA (AUS)	-	0.05	-	

Exposure Control Measures	Not determined or not applicable.
Biological Monitoring	No biological exposure limits noted for the ingredient(s).
Engineering Controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ventilation should be sufficient to effectively remove and prevent build-up of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not sufficient to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn. Eye wash facilities and emergency shower must be available when handling this product.
Individual Protection Measures	When using, do not eat, drink, or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements. **Eye/face protection** Wear safety glasses or safety goggles unless full face respirator is in use. **Hand protection** Wear appropriate chemical resistant gloves. **Other** Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. **Respiratory protection**

Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Section 9: Physical and Chemical Properties

Appearance	Solid. Powder. Gray.
Auto-Ignition Temperature	Not applicable.
Decomposition Temperature	2462°F (1350°C)
Evaporation Rate	Not applicable.
Flammability	Non-combustible.
Flash Point	Not applicable.
Initial Boiling Point and Boiling Range	Not applicable.
Melting Point/Freezing Point	Not applicable.
Odour	Low.
Odour Threshold	Not available.
Partition Coefficient	Not applicable.
pH	11-12 when wet
Relative Density	2.7-3.1 @ 20°C
Solubility	Not available.
Upper/Lower Flammability or Explosive Limits	Not applicable.
Vapour Density	Not applicable.
Vapour Pressure	Not applicable.
Viscosity	Not applicable.
Bulk Density	60 lb/ft^3
VOC (Weight %)	0 g/l

Section 10: Stability and Reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability	Material is stable under normal conditions.
Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides. Sulfur oxides.

Section 11: Toxicological Information

Information on Likely Routes of Exposure	**Inhalation** Inhalation of dusts may cause respiratory irritation. Prolonged inhalation may be harmful. **Skin contact** Causes skin irritation. Prolonged contact with wet cement/mixture may cause burns. **Eye contact** Causes serious eye damage. Prolonged contact with wet cement/mixture may cause burns. **Ingestion** Swallowing may cause gastrointestinal irritation.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Upper respiratory tract irritation. Coughing. Discomfort In the chest. Shortness of breath. Skin irritation.
Acute Toxicity	May cause respiratory irritation. Vinyl acetate (GAS 108-05-4) Oral – LD50 – Rat – 2920 mg/kg
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitisation	No data available.
Germ Cell Mutagenicity	No data available to indicate product or any components present at greater than 0.1 % are mutagenic or genotoxic.
Carcinogenicity	Suspected of causing cancer.

Reproductive Toxicity	No data available.
STOT Single Exposure	No data available.
STOT Repeated Exposure	No data available.

Section 12: Ecological Informations

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and Degradability	No data is available on the degradability of this product.
Bioaccumulative Potential	No data available. Partition coefficient n-octanol / water (log Kow) Vinyl acetate (GAS 108-05-4) – 0.73
Mobility in Soil	No data available.
Other Adverse Effects	No other adverse environmental effects (e.g., ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13: Disposal Considerations

Waste Disposal	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
Legislation	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14: Transport Information

UN Number	Not regulated
Proper Shipping Name	Not regulated
Transport Hazard Class	None
Packing Group Number	None
Environmental Hazards for Transport Purposes	None

Special Precautions for User	None
Hazchem Code	None

Section 15: Regulartory Information

Poison Schedule	A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications	Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).
Inventory Listings	All chemicals listed on the Australian Inventory of Chemical Substances (AICS)

Section 16: Other Information

Additional Information

Australian and New Zealand Standards	AS 2161: Industrial Safety Gloves and Mittens (excluding electrical and medical gloves). AS/NZ 1336: Recommended Practices for Occupational Eye Protection. AS/NZS 1715: Selection, use and maintenance of respiratory protective devices. AS/NZS 1716: Respiratory protective devices. AS/NZS 4501: Occupational protective clothing.
Abbreviations	CAS Number - Chemical Abstract Service number - used to uniquely identify chemical compounds GHS - Globally Harmonized System mg/m³ - Milligrams per Cubic Metre OEL - Occupational Exposure Limit pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). ppm - Parts Per Million STEL - Short-Term Exposure Limit STOT-RE - Specific target organ toxicity (repeated exposure) STOT-SE - Specific target organ toxicity (single exposure) SWA - Safe Work Australia TLV - Threshold Limit Value TWA - Time Weighted Average
Advice Notes	This document has been compiled by Antoun based on information concerning the product which has been provided to Antoun by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of

the product should be obtained directly from the manufacturer, importer, or supplier.

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