

Material Safety Data Sheet



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PRODUCT: QUICK PATCH

ISSUE: 1 DATE OF ISSUE: 10/6/09 Page 1 of 6

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: QUICK PATCH
Manufacturer's Product Code: QUICKPATCH
Other Names: None
Recommended Uses: Patching Compound for Concrete

Reid Constructions Systems (Aust) Pty Limited ACN 004 297 009
A Division of ITW Construction Products
Maroondah Highway,
Mooroolbark, Victoria, Australia. 3138
Telephone: 1300 780 250
Emergency Telephone Number: 1300 780 250 (Monday to Friday, 8 am to 5 pm EST)

SECTION 2: HAZARDS IDENTIFICATION

- Classified as Hazardous according to criteria of ASCC -

Risk Phrases:
R36/38 Irritating to eyes and skin
Safety Phrases:
S24/25 Avoid contact with skin and eyes

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Chemical Identity	CAS Number	Proportion
Crystalline Silica	14808-60-7	<1%
Fly Ash	68131-74-8	10-60%
Portland Cement	65997-15-1	10-60%
Non-hazardous ingredients		To 100%



REINFORCING · PRE-CAST · TILT-UP

ITW Ramset Australia Pty. Ltd. ABN 48 004 297 009 Trading as Reid Construction Systems

Material Safety Data Sheet



PRODUCT:

ISSUE: 1 DATE Page 2 of 6

SECTION 4: FIRST AID MEASURES

ACUTE

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. Contact a doctor or Poisons Information Centre 13 1126

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes or until advised to stop by Poisons Information Centre or doctor. If irritation persists contact a doctor.

Skin: If on skin, remove contaminated clothing and wash skin thoroughly with soap and water. Continue until flushing until advised to stop by Poisons Information Centre or doctor. Contact doctor if irritation persists.

Inhaled: If inhaled remove from exposure. Apply artificial respiration if not breathing.

Advice to Doctor: Treat as moderate to strong alkali and symptomatically

First Aid Facilities: Eye wash facilities should be available

SECTION 5: FIRE FIGHTING MEASURES

Product is NOT combustible

Suitable Extinguishing Media: Not relevant

Hazardous products of combustion: May evolve toxic gases when heated

Hazchem code: None allocated

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spillage: Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Prevent spill entering drains or waterways. Contain spillage, then collect and place in suitable containers for reuse or disposal. Avoid generating dust.

SECTION 7: HANDLING AND STORAGE

Material Safety Data Sheet



PRODUCT:

ISSUE: 1 DATE Page 3 of 6

Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities

Store in cool, dry, well ventilated area, remove from moisture, oxidising agents (e.g. hydrogen fluoride, phosphorous oxide), acids, ethanol, interhalogens (e.g. chlorine trifluoride) and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed when not in use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards

Ingredient	CAS	TWA		STEL	
		ppm	mg / m ³	ppm	mg / m ³
Portland Cement	65997-15-1	-	10	-	-
Crystalline Silica	14808-60-7	-	0.1	-	-

Biological limit values: No biological limit allocated

Engineering controls: Avoid inhalation. Use in well-ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

Personal protective equipment: Wear dust proof goggles and rubber or PVC gloves. When using large quantities or where contamination is likely, wear coveralls. At high dust levels, wear a class P3 (Particulate), respirator or a Powered Air Purifying Respirator (PAPR), with class P3 filter. Where an inhalation risk exists, wear a class P1 (Particulate) respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey powder

Odour: None

pH: Alkaline when mixed with water

Vapour Pressure: Not available

Boiling Point / Range: Not applicable

Freezing / Melting Point: Not applicable

Solubility in Water: Miscible

Specific Gravity: Not available

Flashpoint and Method: Not relevant

Flammability Limit: Not relevant

Material Safety Data Sheet



PRODUCT:

ISSUE: 1 DATE Page 4 of 6

Explosive Limit: Not relevant

Other Properties:

None

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable under recommended conditions of storage

Conditions to avoid: Contact with moisture

Incompatible materials: Incompatible with oxidising agents (e.g. hypochlorites), ethanol, acids (e.g. hydrochloric acid), and interhalogens (e.g. chlorine trifluoride). Water contact may increase product temperature by 2 to 3 °C.

Hazardous decomposition products: May evolve toxic gases if heated to decomposition

Hazardous reactions: None expected

SECTION 11: TOXICOLOGICAL INFORMATION

Slightly corrosive. Use safe work practices to avoid eye or skin contact and dust generation – inhalation. Once water is added, an inhalation hazard is not anticipated. Hexavalent chromium compounds may be present in trace amounts in cement products. Crystalline silica and hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1).

Eye: Slightly corrosive – irritant. Contact may result in irritation, lacrimation, pain, redness, conjunctivitis and possible burns

Inhalation: Overexposure may result in irritation of the nose and throat, coughing and bronchitis. Hexavalent chromium is reported to cause respiratory sensitisation, however due to the trace amount present, a hazard is not anticipated under normal conditions of use.

Skin: Slightly corrosive. Contact with powder or wetted form may result in rash and dermatitis. Potential sensitising agent.

Ingestion: Slightly corrosive. Ingestion may result in burns to the mouth and throat, nausea, vomiting and abdominal pain. Ingestion is considered unlikely due to product form.

Toxicity data: Silica Crystalline – Quartz (14808-60-7)

LCLo (Inhalation): 300 ug / m³/ 10 years (human)

LCLo (Intratracheal): 200 mg/kg (rat)

Material Safety Data Sheet



PRODUCT:

ISSUE: 1 DATE Page 5 of 6

LDLo (Intravenous): 20mg/kg (dog)
TCLo (Inhalation): 16,000,000 particles/ft³/8 hours/17.9 years (human-fibrosis)

SECTION 12: ECOLOGICAL INFORMATION

Limited ecotoxicity data was available for this product at the time this MSDS was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Reuse or recycle where possible. Alternatively, ensure product is covered with moist soil to prevent dust generation and dispose of to an approved landfill site. Contact the manufacturer for additional information. Dispose of in accordance with relevant local legislation.

SECTION 14: TRANSPORT INFORMATION

Not hazardous for transport or storage.

UN Number: None
UN Proper Shipping Name: None
Class and subsidiary risk: None
Packaging Group: None
Hazchem Code: None

SECTION 15: REGULATORY INFORMATION

Poisons Schedule: None
NICNAS Status: All ingredients are listed on the AICS

SECTION 16: OTHER INFORMATION

Cement contact dermatitis: Individuals using wet cement, mortar, grout or concrete could be at risk of developing cement dermatitis. Symptoms of exposure include itchy, tender, swollen, hot, cracked or blistering skin, with potential for sensitisation. The dermatitis is due to the presence of soluble (hexavalent) chromium.

IARC – Group 1 – Proven Human Carcinogen: This product contains an ingredient for which there is sufficient evidence to have been classified by the International Agency for Research into Cancer as a human carcinogen. The use of products known to be human carcinogens should be strictly monitored and controlled.

Material Safety Data Sheet



PRODUCT:

ISSUE: 1 DATE Page 6 of 6

Respirators: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn, ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered supplied respirators should be considered where prolonged or repeated use is necessary.

Contact Point: Product Manager – Construction Chemicals