Section 1 – Identification of the Material and Supplier

Siegel Pty Ltd
7 Lackey Road
Moss Vale, NSW, 2577

P: +61 2 4858 1771
M: +61 437 550 160
F: +61 2 4869 3031
W: siegeladhesives.com

Chemical Nature:	Cement Based Tile Adhesive
Trade Name:	SiegelBond XT20
Product Use:	Cement Based Tile Adhesive
Creation Date:	May 2026
This version was issued:	May 2026 and is valid for 5 years from this date
Poisons Information Centre:	Call 13 11 26 from anywhere in Australia

Section 2 – Hazards Identification

Statement of Hazardous Nature

Classification of the Hazardous chemical
Adverse physicochemical, human health and environmental effects:
No other hazards

GHS label elements, including precautionary statements
Other hazards which do not result in a classification
Other Hazards: No other hazards
Prolonged exposition and/or intensive inhalation of respirable free crystalline silica (average diameter less than 10 microns in accordance with ACGIH) can cause pulmonary fibrosis commonly referred to as silicosis.
This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation or burns.
Serious eye damage, Category 1 Causes serious eye damage.
Skin Sensitisation, Category 1B May cause an allergic skin reaction.

Pictograms and Signal Words



Prevention	P262: Do not get in eyes, on skin, or on clothing P264: Wash contacted areas thoroughly after handling P281: Use personal protective equipment as required
Response	P362: Take off contaminated clothing and wash before reuse P301+PP330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog
Storage	P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to landfill (see Section 13 of this SDS)

EMERGENCY INFORMATION

Physical Description & Colour:	Grey Powder
Odour:	Low Odour
Major Health Hazards:	No significant risk factors have been found for this product.

Section 3 – Composition & Information on Ingredients

Ingredients: Mixture of Portland cement, limestone filler, calcium hydroxide, quartz, redispersible polymer, and non-hazardous additives.
TWA (mg/m3): not set
STEL (mg/m3): not set

Hazardous Ingredient(s)	%W/W	CAS No.
Free crystalline silica (Ø >10 µ)	≥25 - <50 %	CAS:14808-60-7 EC:238-878-4
Calcium carbonate	≥25 - <50 %	CAS:471-34-1 EC:207-439-9
Portland cement, Cr (VI) < 2 ppm	≥2.5 - <5 %	CAS:65997-15-1 EC:266-043-4
Calcium carbonate	≥0.05 - <0.1 %	CAS:1317-65-3 EC:215-279-6

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other nonhazardous ingredients are also possible.
The SWA TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5-day working week. The STEL (Short Term Exposure Limit) is an exposure value that may be equalled (but should not be exceeded) for no longer than 15 minutes and should not be repeated more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: Remove casualty to fresh air and keep warm and at rest.
Skin Contact: Immediately take off all contaminated clothing.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
Remove contaminated clothing immediately and dispose of safely.
Eye Contact: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist
immediately.
Protect uninjured eye.
Ingestion: Do not induce vomiting, get medical attention showing the SDS and the hazard label.
Symptoms caused by exposure
Eye irritation
Eye damages

Medical attention and special treatment
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Section 5 – Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.
Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: In case of fire, use carbon dioxide, dry chemical, foam or water fog. Avoid the use of high-pressure water jet.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point:	No data.
Upper Flammability Limit:	No data.
Lower Flammability Limit:	No data.
Autoignition temperature:	No data.
Flammability Class:	No data.

Section 6 – Accidental Release Measures

Accidental release: Minor spills do not normally need any special clean-up measures.
In the event of a major spill, prevent spillage from entering drains or water courses.
As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include no specific manufacturer recommendations. Use impermeable gloves with care. Eye/face protective equipment should comprise, as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that dusts are likely to build up in clean-up area, we recommend that you use a suitable dust mask.
Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate.
Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services.
This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.
Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

Section 7 – Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store packages of this product in a cool place. Keep containers dry and away from water. Keep away from heat and flame. Keep away from sources of ignition such as sparks and open flames. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. Check packaging - there may be further storage instructions on the label.

Section 8 – Exposure Controls and Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**
Protective Gloves: **AS 2161**
Occupational Protective Clothing: **AS/NZS 4501 set 2008**
Industrial Eye Protection: **AS1336 and AS/NZS 1337**
Occupational Protective Footwear: **AS/NZS2210**

Exposure limits have not been established by SWA for this product.
No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: There is no data that enables us to recommend any type except that it should be impermeable.

Respirator: If there is a significant chance that dusts are likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise, not normally necessary.

Section 9 – Physical and Chemical Properties

Physical state:	Solid
Appearance:	Powder
Color:	Grey
Odour:	Cement like
pH:	12.00
Melting point / freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point:	no data available
Evaporation rate:	no data available
Flammability (Solid, Gas)	no data available
Lower and upper explosion limit/flammability limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Relative density:	1.10 g/cm3
Solubility in water:	partly soluble
Solubility in oil:	insoluble
Partition coefficient (n-octanol/water):	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Kinematic viscosity:	no data available
Volatile Organic compounds -	VOCs = 0 (Rule 1168) g/l

Section 10 – Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

Conditions to Avoid: This product should be kept in a cool place, preferably below 30°C. Containers should be kept dry. Keep away from heat, flames and sparks. Keep away from sources of sparks or ignition.

Incompatibilities: strong oxidising agents.

Fire Decomposition: Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: Polymerisation reactions are unlikely and not expected to occur.

Section 11 – Toxicological Information

Target Organs: There is no data to hand indicting any particular target organs.

Classification of Hazardous Ingredients: No ingredient mentioned in the HSIS Database is present in this product at hazardous concentrations.

Potential Health Effects

Inhalation:
Short Term Exposure: Available data indicates that this product is not harmful. However, product may be mildly irritating, although unlikely to cause anything more than mild transient discomfort.
Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:
Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be mildly irritating, but is unlikely to cause anything more than mild discomfort which should disappear once contact ceases.
Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:
Short Term Exposure: This product may be mildly irritating to eyes but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.
Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:
Short Term Exposure: Significant oral exposure is considered to be unlikely. This product, while believed to be not harmful, is likely to cause headache and gastric disturbance such as nausea and vomiting if ingested in significant quantities. However, this product may be mildly irritating to mucous membranes but is unlikely to cause anything more than mild transient discomfort.
Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:
SWA: No significant ingredient is classified as carcinogenic by SWA.
NTP: No significant ingredient is classified as carcinogenic by NTP.
IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 – Ecological Information

Insufficient data to be sure of status.

Section 13 – Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. If neither of these options is suitable in-house, consider controlled incineration, or contact a specialist waste disposal company.

Section 14 – Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 – Regulatory Information

AICS: This product is compliant with NICNAS regulations.

Section 16 – Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS	number Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

Safety Data Sheet

SiegelBond XT20

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY, SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.
This SDS is prepared in accord with the SWA document “Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice” (December 2011)

---

www.siegeladhesives.com

Siegel Adhesives
Phone: 1300 729 863
+61 2 4858 1771
Fax: +61 2 4869 3031
technical@siegeladhesives.com

Australian Head Office
Lv.6 / 10 Herb Elliott Ave
Sydney Olympic Park
NSW 2127
Australia

New Zealand Head Office
40 Onehunga Mall
Onehunga
Auckland 1061
New Zealand