



CSR MATERIAL SAFETY DATA SHEET

Hebel Anti Corrosive Protection Paint

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Hebel Anti Corrosive Protection Paint
Other Names:	Hexion Fentak TC0380
Product Codes/Trade Names:	Fentak
Recommended Use:	For application to metal and concrete surfaces to provide weather, moisture and corrosion resistance
Applicable In:	Australia
Supplier:	CSR Building Products Limited ABN 55 008 631 356
Address:	Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
Telephone:	+61 2 9235 8000 (or 1800 807 668 (available in Australia only))
Email Address:	http://www.csr.com.au/Pages/Contact-Us.aspx
Web Site:	www.csr.com.au
Facsimile:	+61 2 9372 5819
Emergency Phone Number:	000 Fire Brigade and Police (available in Australia only)
Poisons Information Centre:	13 11 26 (available in Australia only)

This Material Safety Data Sheet (MSDS) is issued by the Supplier in accordance with National standards and guidelines from Safe Work Australia (SWA – formerly ASCC/NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The Supplier will issue a new MSDS when there is a change in product specifications and/or Standards, Codes, Guidelines, or Regulations.

SECTION 2: HAZARD IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: Classified as **Hazardous** according to the Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

Hebel Anti-Corrosive Protection Paint is classified as **Non-Dangerous** Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Risk Phrases	Safety Phrases
R36/38 - Irritating to eyes and skin.	S24/25 - Avoid contact with skin and eyes. S29 - Do not empty into drains.

CSR MSDS Reference: LWS-SDS-147

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	Synonyms:	Proportion:	CAS Number:
Inert fillers (calcium carbonate)		30%	1317-65-3
Acrylic polymers		25%	---
Glycol ethers (mixture)		4%	----
Corrosion inhibitor		1%	---
Surfactants		0.9%	---
Defoamers		0.9%	---
Biocide		0.2%	---
Water		38%	7732-18-5

SECTION 4: FIRST AID MEASURES

Swallowed:	Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention.
Eyes:	Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention.
Skin:	Wash thoroughly with soap and water. Remove heavily contaminated clothing. Shower if necessary. Seek medical attention for persistent redness, irritation or burning of the skin.
Inhaled:	Remove to fresh air. If symptoms persist, seek medical attention.
Advice to Doctor:	Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flammability:	Non flammable
Suitable extinguishing media:	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials.
Hazards from combustion products:	When heated to decomposition it may emit carbon dioxide, acrid smoke and irritating fumes including acrylic monomers.
Special protective precautions and equipment for fire fighters:	As required for fire in surrounding materials.
HAZCHEM Code:	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure:	Wear protective equipment if required to prevent skin and eye contamination.
Containment Procedure:	Do not allow this product to enter drains, storm water systems or waterways. If required, contain and absorb spill with sand, earth, inert material or vermiculite.
Clean Up Procedure:	Wipe up small spills. Scrape/shovel material into bins.

SECTION 7: HANDLING AND STORAGE

Handling:	Wear protective equipment to prevent skin and eye contamination. Manual handling should be in accordance with Manual Handling Regulations and Codes.
Storage:	This product should be stored in a sealed container in a cool, dry area.
Incompatibilities:	None

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:	<p>National Occupational Exposure Standard (NES), Safe Work Australia (formerly ASCC/NOHSC), for listed ingredients</p> <p>Calcium carbonate dust (generated by grinding or sanding of the dried product): TWA - 10 mg/m³</p> <p>This product contains a mixture of glycol ethers. It is recommended that the NES for Propylene Glycol Monomethyl Ether be applied if required:</p> <p>TWA - 100ppm (369 mg/m³)</p> <p>STEL - 150ppm (553 mg/m³)</p>
Notes on Exposure Standards:	<p>All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable) and in all cases to below the National Standard.</p> <p>TWA (Time Weighted Average): the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.</p> <p>STEL (Short Term Exposure Limit): the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour work day.</p>
Biological Limit Values:	No biological limit allocated.
ENGINEERING CONTROLS	
<input type="checkbox"/> Ventilation:	General room ventilation should be adequate, but local mechanical ventilation may be required if dust is generated from dried product, or in confined spaces.
<input type="checkbox"/> Special Consideration for Repair &/or Maintenance of Contaminated Equipment:	Work areas should be cleaned of dust regularly by damp sweeping or vacuuming. Recommendations on Exposure Control and Personal Protection should be followed.
PERSONAL PROTECTION	
<input type="checkbox"/> Personal Hygiene	Wash work clothes regularly. Wash hands before eating, drinking, using the toilet, or smoking.
<input type="checkbox"/> Skin Protection:	Engineering controls and work practices should aim to minimise direct contact with the product. Wear loose comfortable clothing. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (standard duty leather or equivalent AS 2161).
<input type="checkbox"/> Eye Protection:	Safety spectacles with side-shields or coverall goggles with direct ventilation (AS/NZS 1336) should be worn if a risk of eye contact exists.

<input type="checkbox"/> Respiratory Protection:	Not required under normal circumstances. An approved particulate respirator conforming to Australian Standards AS/NZS 1715 and 1716 should be worn if dust is generated, particularly if working in a confined environment. Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use. Replaceable filters and cartridges should be replaced regularly in accordance with the manufacturers' guidelines and Australian Standards AS/NZS 1715 and 1716.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Opaque dark-coloured liquid	
Odour:		
pH, at stated concentration:	7.5-8.5 as supplied	
Vapour Pressure/Density:	Not determined	
Boiling Point/Range (°C):	95-100°C	
Freezing Point (°C):	-5-5°C	
Solubility In Water:	Partly miscible	
Specific Gravity (H₂O = 1):	1.2-1.3	
FLAMMABLE MATERIALS		
<input type="checkbox"/> Flash Point:	Not applicable	
<input type="checkbox"/> Flammable (Explosive) Limits:	Not applicable	
<input type="checkbox"/> Autoignition Temperature:	Not applicable	
ADDITIONAL PROPERTIES		
<input type="checkbox"/> % Volatiles:	<5	
<input type="checkbox"/> Volatile Organic Compounds Content (VOC): (as specified by the Green Building Council of Australia)	<5%	

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable
Incompatible Materials:	None
Conditions to avoid:	Dust generation
Hazardous Decomposition Products:	None
Hazardous Reactions:	None

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology data: No direct data available, but the product is generally of low acute toxicity. The information shown is based on the toxicity profiles of a number of acrylic emulsions that are similar in composition to the acrylic polymer used in this product:

Oral LD50 - rat: > 5000 mg/kg Dermal LD50 - rabbit: > 5000 mg/kg
 Skin irritation - rabbit: practically non-irritating Eye irritation - rabbit: inconsequential irritation.

Health Effects: Acute (short term)

Swallowed:	Unlikely under normal industrial use, but swallowing more than a mouthful may result in abdominal discomfort.
Eyes:	Splashes, or dust from the dried product, may irritate the eyes causing watering and redness. Exposure to dust may aggravate pre-existing eye conditions.
Skin:	Contact with skin may result in slight irritation. Prolonged or repeated contact and heavy skin contamination may cause skin drying and cracking and/or dermatitis with redness, itching, and swelling.
Inhaled:	Vapours and dust are mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing.

Health Effects: Chronic (long term)

Eyes:	Dust from grinding/sanding the dried product may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
Skin:	Prolonged and repeated skin contact may result in dermatitis (redness and skin irritation). Repeated heavy contact with the dust may cause drying of the skin and can result in skin rash (dermatitis), typically affecting the hands. Over time this may become chronic and can also become infected.
Inhaled:	Repeated exposure to the vapour or dust may result in increased nasal and respiratory secretions and coughing. Inflammation of lining tissue of the respiratory system may follow repeated exposure to high levels of dust with increased risk of bronchitis and pneumonia.

SECTION 12: ECOLOGICAL INFORMATION

Eco-toxicity:	The physical and chemical nature of the product and toxicological data on ingredients indicate that this product is a relatively low risk.
Persistence and Degradability:	Product is persistent and would have a low degradability.
Mobility:	A low mobility would be expected in a landfill situation.

SECTION 13: DISPOSAL CONSIDERATIONS

This product can be treated as a common waste for disposal, or dumped into a landfill site in accordance with local authority guidelines.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name:	None allocated
UN number:	None allocated
DG Class:	None allocated
Subsidiary Risk 1:	None allocated
Packaging Group:	None allocated

HAZCHEM code:	None allocated
Marine Pollutant:	No
Special Precautions for User:	None

SECTION 15: REGULATORY INFORMATION

Poisons Schedule:	Not scheduled
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SECTION 16: OTHER INFORMATION

For further information on this product, please contact:

CSR Building Products Limited (ABN 55 008 631 356), Trinita 3, 39 Delhi Road, North Ryde, NSW 2113, Australia.

Phone: +61 2 9372 5888 or 1800 807 668 (available in Australia only)

Fax: +61 2 9372 5877

ADDITIONAL INFORMATION

Australian Standards References:

AS/NZS 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 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

Other References:

NOHSC:2011(2003)	National Code of Practice for the Preparation of Material Safety Data Sheets 2 nd Edition, April 2003, National Occupational Health and Safety Commission.
NOHSC:10005(1999)	List Of Designated Hazardous Substances, April 1999, National Occupational Health and Safety Commission, Sydney.
NOHSC:2007(1994)	National Code of Practice for the Control of Workplace Hazardous Substances (Australian States have similar Codes of Practice in each State).
NOHSC:2012(1994)	National Code of Practice for the Labelling of Workplace Substances, March 1994, Australian Government Publishing Service, Canberra.
NES	National Occupational Exposure Standards for Workplace Atmospheric Contaminants (NES) Australian Safety and Compensation Council, ASCC (formerly NOHSC) 1995 as amended.
ADG Code	Australian Dangerous Goods Code 7 th Edition.

AUTHORISATION

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