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# CSR SAFETY DATA SHEET

## Hebel Anti Corrosive Protection Paint

### SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	Hebel Anti Corrosive Protection Paint
<b>Other Names:</b>	Hexion Fentak TC0380
<b>Product Codes/Trade Names:</b>	Fentak
<b>Recommended Use:</b>	For application to metal and concrete surfaces to provide weather, moisture and corrosion resistance
<b>Applicable In:</b>	Australia
<b>Supplier:</b>	CSR Building Products Limited ABN 55 008 631 356
<b>Address:</b>	Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
<b>Telephone:</b>	1300 712 896
<b>Email Address:</b>	info@hebel.com.au
<b>Web Site:</b>	www.hebel.com.au
<b>Facsimile:</b>	02 4340 3300
<b>Emergency Phone Number:</b>	000 Fire Brigade and Police (available in Australia only)
<b>Poisons Information Centre:</b>	13 11 26 (available in Australia only)

This Safety Data Sheet (SDS) 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 SDS by any other person or organization. The Supplier will issue a new SDS when there is a change in product specifications and/or Standards, Codes, Guidelines, or Regulations.

### SECTION 2: HAZARDS 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.

GHS Classification	GHS Signal Word	GHS Pictogram/s
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Skin Irritation Category 2 Eye Irritation Category 2A	<b>WARNING</b>	
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GHS Hazard statements	GHS Precautionary statements
H315 – Causes skin irritation H319 – Causes serious eye irritation	P264 – Wash thoroughly after handling. P280 – Wear protective gloves and eye/face protection. P302 + P352 – If on skin, wash with plenty of soap and water. P305 + P351 + P338 – If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P313 – If skin irritation occurs, get medical advice/attention. P337 + P313 – If eye irritation persists, get medical advice/attention. P362 – Take off contaminated clothing and wash before reuse.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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

### SECTION 4: FIRST AID MEASURES

<b>Swallowed:</b>	Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention.
<b>Eyes:</b>	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.
<b>Skin:</b>	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.
<b>Inhaled:</b>	Remove to fresh air. If symptoms persist, seek medical attention.
<b>Advice to Doctor:</b>	Treat symptomatically.

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**SECTION 5: FIRE FIGHTING MEASURES**

<b>Suitable extinguishing media:</b>	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials.
<b>Specific hazards:</b>	When heated to decomposition it may emit carbon dioxide, acrid smoke and irritating fumes including acrylic monomers.
<b>Special protective equipment and precautions for firefighters:</b>	As required for fire in surrounding materials.
<b>HAZCHEM Code:</b>	None

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures:</b>	Wear protective equipment if required to prevent skin and eye contamination.
<b>Environmental precautions:</b>	Do not allow this product to enter drains, storm water systems or waterways.
<b>Methods and materials for containment and cleaning up:</b>	Wipe up small spills. Scrape/shovel material into bins. If required, contain and absorb spill with sand, earth, inert material or vermiculite.

**SECTION 7: HANDLING AND STORAGE**

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

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Standards:</b>	<p><b>Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia</b></p> <p>Calcium carbonate dust (generated by grinding or sanding of the dried product): TWA - 10 mg/m<sup>3</sup></p> <p>This product contains a mixture of glycol ethers. It is recommended that the WES for Propylene Glycol Monomethyl Ether be applied if required: TWA - 100ppm (369 mg/m<sup>3</sup>); STEL - 150ppm (553 mg/m<sup>3</sup>)</p>
<b>Notes on Exposure Standards:</b>	<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 Workplace Exposure Standard (WES).</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>

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<b>Biological Limit Values:</b>	No biological limit allocated.
<b>ENGINEERING CONTROLS</b>	
<input type="checkbox"/> <b>Ventilation:</b>	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"/> <b>Special Consideration for Repair &amp;/or Maintenance of Contaminated Equipment:</b>	Work areas should be cleaned of dust regularly by damp sweeping or vacuuming. Recommendations on Exposure Control and Personal Protection should be followed.
<b>PERSONAL PROTECTION</b>	
<input type="checkbox"/> <b>Personal Hygiene</b>	Wash work clothes regularly. Wash hands before eating, drinking, using the toilet, or smoking.
<input type="checkbox"/> <b>Skin Protection:</b>	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"/> <b>Eye Protection:</b>	Safety spectacles with side-shields or coverall goggles with direct ventilation (AS 1336) should be worn if a risk of eye contact exists.
<input type="checkbox"/> <b>Respiratory Protection:</b>	Not required under normal circumstances. An approved particulate respirator conforming to Australian Standards AS 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 1715 and 1716.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Opaque dark-coloured liquid
<b>Odour:</b>	Slight Acrylic-Like
<b>Odour threshold:</b>	Not Determined
<b>pH:</b>	7.5-8.5 as supplied
<b>Freezing point:</b>	-5-5°C
<b>Initial boiling point and range:</b>	95-100°C
<b>Vapour pressure:</b>	Not determined
<b>Vapour density:</b>	Not determined
<b>Specific gravity (Relative density):</b>	1.2-1.3
<b>Solubility:</b>	Partly miscible
<b>Evaporation rate:</b>	Not determined
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Flammability:</b>	Not flammable

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<b>Flash point:</b>	Not applicable
<b>Upper/lower flammability or explosive limits:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition temperature:</b>	Not determined
<b>% Volatiles:</b>	<5
<b>Volatile Organic Compounds (VOC) Content:</b> (as specified by the Green Building Council of Australia)	<5%

## SECTION 10: STABILITY AND REACTIVITY

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

## SECTION 11: TOXICOLOGICAL INFORMATION

### Health Effects: Acute (short term)

<b>Swallowed:</b>	Unlikely under normal industrial use, but swallowing more than a mouthful may result in abdominal discomfort.
<b>Eyes:</b>	Splashes, or dust from the dried product, may irritate the eyes causing watering and redness. Exposure to dust may aggravate pre-existing eye conditions.
<b>Skin:</b>	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.
<b>Inhaled:</b>	Vapours and dust are mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing.

### Health Effects: Chronic (long term)

<b>Eyes:</b>	Dust from grinding/sanding the dried product may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
<b>Skin:</b>	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.
<b>Inhaled:</b>	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.

### Acute Toxicity Data

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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.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Eco-toxicity:</b>	The physical and chemical nature of the product and toxicological data on ingredients indicate that this product is a relatively low risk.
<b>Persistence and Degradability:</b>	Product is persistent and would have a low degradability.
<b>Bioaccumulative potential:</b>	There is no evidence to suggest bioaccumulation will occur.
<b>Mobility in soil:</b>	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

<b>Proper Shipping Name:</b>	None allocated
<b>UN number:</b>	None allocated
<b>DG Class:</b>	None allocated
<b>Subsidiary Risk 1:</b>	None allocated
<b>Packaging Group:</b>	None allocated
<b>HAZCHEM code:</b>	None allocated
<b>Marine Pollutant:</b>	No
<b>Special Precautions for User:</b>	None

## SECTION 15: REGULATORY INFORMATION

<b>Poisons Schedule:</b>	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

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**ADDITIONAL INFORMATION****Australian Standards References:**

AS 1336	Recommended Practices for Occupational Eye Protection
AS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS 1716	Respiratory Protective Devices
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

**Other References:**

NOHSC:1008 (2004)	Approved Criteria for Classifying Hazardous Substances
Model Code of Practice	Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, Safe Work Australia.
Model Code of Practice	Labelling of Workplace Hazardous Chemicals, December 2011, Safe Work Australia.
Model Code of Practice	Managing Risks Of Hazardous Chemicals In The Workplace, July 2012, Safe Work Australia.
WHS	Guidance on the Classification of Hazardous Chemicals under the WHS Regulations, April 2012, Safe Work Australia.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail, 7 <sup>th</sup> edition, National Transport Commission.
WES	Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia.
WES	Guidance On The Interpretation Of Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals (GHS), 3 <sup>rd</sup> revised edition, United Nations, New York and Geneva, 2009.
GHS	Understanding the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations, New York and Geneva, 2010.
HSIS	Hazardous Substances Information System (HSIS), internet advisory service, Safe Work Australia.
HCIL	GHS Hazardous Chemical Information List (HCIL), internet advisory service, Safe Work Australia.

**AUTHORISATION**

<b>Reason for Issue:</b>	Update to GHS format
<b>Authorised by:</b>	Safety Improvement Manager – CSR Hebel
<b>Date of Issue:</b>	17/08/2016

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