



DINCEL STRUCTURAL WALLING

MATERIAL SAFETY DATA SHEET – (MSDS)

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT DETAILS

TRADE NAME: DINCEL WALL PVC FORMWORK

Processed (formed) rigid PVC article designed for use as formwork for retaining concrete when pouring and subsequently as a permanent cladding.

MANUFACTURER/SUPPLIER

DinCEL Construction System Pty Ltd A.B.N: 78 083 839 614

PHYSICAL ADDRESS:

101 Quarry Road,
ERSKINE PARK NSW 2759

POSTAL ADDRESS:

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ST CLAIR NSW 2759
Australia

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Further Information Available From:

Sydney: Bora DinCEL (02) 9670 1633 (Australia) +61 2 9670 1633 (International)

SECTION 2: HAZARDS IDENTIFICATION

OVERALL HAZARD STATEMENT: NON-HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS

HAZARD CLASSIFICATION: NONE
[According to criteria of Worksafe Australia]

RISK PHRASES: NONE REQUIRED
[Hazard Statements]

SAFETY PHRASES: NONE REQUIRED
[Precautionary Statements]

CLASSIFICATION SYSTEM:
This classification is according to NOHSC guidelines as detailed in Section 8 and other literature and company data.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS: NONE

CAS NUMBER: NONE

CHEMICAL NAMES:

PROPORTION:

The product is a manufactured heat processed finished article made from PVC resin, pigments, fillers, organic stabiliser and process aids etc. All of these components are nonhazardous in themselves.

SECTION 4: FIRST-AID MEASURES

GENERAL INFORMATION:

As the product is a formed (shaped) article, hazards related to inhalation, swallowing and eye contact are considered most unlikely. However, if the product is sawed, cut or similarly machined, then it is possible that particles and dust may be generated and the following firstaid measures are provided.

AFTER INHALATION:

Remove patient to fresh air or alternatively establish supply of fresh air. If patient is not breathing, apply artificial respiration. Call for medical attention.

AFTER SKIN CONTACT:

Wash immediately with plenty of water. Remove contaminated clothing. If redness, swelling, irritation or rash develops, seek medical attention. If burned by hot product, treat area with cold water and continue until hot mass has cooled. Obtain immediate medical attention as considered necessary according to severity of injury.

AFTER EYE CONTACT:

Flush opened with water for 15 minutes. Check for presence of any particles. Seek medical attention as considered appropriate and if irritation persists.

AFTER SWALLOWING:

Rinse mouth with water provided patient is conscious. Do not induce vomiting as material may obstruct airways. Seek medical attention as considered appropriate.

NOTES TO DOCTOR:

Show this safety data sheet to doctor.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS:

Water, Carbon dioxide, dry chemical or foam.

FOR SAFETY REASONS, UNSUITABLE EXTINGUISHING AGENTS:

None reported.

SPECIAL HAZARDS CAUSED BY THE SUBSTANCES, ITS PRODUCTS OF COMBUSTION OR RESULTING GASES:

Product will burn when exposed to heat and flame. Hazardous decomposition products include hydrochloric acid, hydrocarbon fragments, carbon monoxide and carbon dioxide.

PROTECTIVE EQUIPMENT:

Wear self-contained breathing apparatus, rubber gloves, rubber boots and suitable protective clothing.

ADDITIONAL INFORMATION:

Product will support combustion when in contact with a flame but will stop burning when flame is removed.

HAZCHEM CODE:

None allocated as material is not classified as dangerous goods.

SECTION 6: ACCIDENTAL RELEASE MEASURES

The product is transported and stored in packs of 10 or 12 with dimensions 1.7M by 1.0M and 2.0 M by 1.2 M with lengths from 1 M to 10 M. Each pack is in a timber framework. Lifting of packs should be done around the timber supports and not on the product itself.

PERSON-RELATED SAFETY PRECAUTIONS:

Ensure adequate ventilation.

MEASURES FOR ENVIRONMENTAL PROTECTION:

Do not allow product to enter sewers, surface water or ground water as it will form a physical obstruction or barrier.

MEASURES FOR CLEANING/COLLECTING:

Isolate area. Pick up manually or mechanically (lifting devices, fork-lift etc) as considered appropriate.

For generated powder or dust, remove mechanically by vacuum or by sweeping and ensuring that dust is not generated.

SECTION 7: HANDLING AND STORAGE

The product is transported and stored in packs of 10 or 12 with dimensions 1.7M by 1.0M and 2.0 M by 1.2 M with lengths from 1 M to 10 M. Each pack is in a timber framework. Lifting of packs should be done around the timber supports and not on the product itself.

HANDLING OF PRODUCT :

Information for safe handling:

Use leather or suitable gloves such as rigger's gloves to handle product to safeguard hands and skin from repeated work. The product may be sawed, cut or drilled and adequate precautions should be taken so that heat is not generated in the operation, eg use of cooling water etc.

INFORMATION ABOUT FIRE AND EXPLOSION PROTECTION:

No special requirements have been reported.

STORAGE:

Requirements to be met by storerooms and receptacles:

No special precautions are required but product should be stored away from sources of heat and contact with direct flame.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS:

Store in dry, well-ventilated conditions.

STORAGE CLASS:

Class according to regulation on flammable liquids: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL FACILITIES:

Ensure that product is handled so as not to disintegrate it and generate dust. There is a maximum concentration of dust allowed in a workplace and this is 10 mg/m³ for nonhazardous compounds. Consequently, the design of handling facilities should take these considerations into account.

NATIONAL EXPOSURE STANDARDS:

Any dust generated has limit of 10 mg/M³ limit.

ADDITIONAL INFORMATION:

The following sources were used for the compilation of data for this material safety data sheet and were the current versions at the time of writing:

1. 'Adopted National EXPOSURE STANDARDS FOR ATMOSPHERIC CONTAMINANTS IN THE OCCUPATIONAL ENVIRONMENT [NOHSC:1003(1995)]'
2. 'HSIS - Hazardous Substance Information System'
3. 'AUSTRALIAN DANGEROUS GOODS CODE 6th Edition' .
4. 'APPROVED CRITERIA FOR CLASSIFYING HAZARDOUS SUBSTANCES [NOHSC:1008 (2004)/3rd Edition'

PERSONAL PROTECTIVE EQUIPMENT:

General protective and hygienic measures:

Do not inhale dust. If necessary, wear appropriate respirator with P2 filter. Wear protective clothing such as overalls. Wear safety goggles or glasses and appropriate work gloves such as leather gloves, rigger's gloves. Wash hands before breaks and at the end of work

RESPIRATORY PROTECTION:

If dust is generated, respiratory protective device with P2 filter is recommended.

PROTECTION OF HANDS:

Protective gloves of leather or hard wearing material.

EYE PROTECTION:

Safety goggles or glasses.

BODY PROTECTION:

Wear protective clothing such as overalls as well suitable boots or other appropriate footwear.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Formed product,		
COLOUR:	Off-white		
ODOUR:	None		
CHANGE IN CONDITION	VALUE RANGE	UNIT	METHOD
Melting Point/Melting Range	Softens at ~800C, fused at about 1900C.		
Boiling Point/Boiling Range	Not applicable		
FLASH POINT:	Not applicable.		
SPECIFIC GRAVITY:	1.4		
SELF-IGNITING:	Product is not self-igniting.		
DANGER OF EXPLOSION:	None reported under ambient conditions		
EXPLOSION LIMITS:			
LOWER:	Not determined.		
UPPER:	Not determined.		
SOLUBILITY IN / MISCIBILITY WITH WATER:	Immiscible		
SOLVENT CONTENT:			
ORGANIC SOLVENTS:	0.0%		
SOLIDS CONTENT:	100.0%		

SECTION 10: STABILITY AND REACTIVITY

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:	Stable at ambient conditions; will soften at 800C.
MATERIALS TO BE AVOIDED:	None reported
DANGEROUS REACTIONS:	None reported
DANGEROUS DECOMPOSITION PRODUCTS:	Hazardous decomposition products include hydrochloric acid, hydrocarbon fragments, carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not reported as toxic effects could not be induced.
PRIMARY IRRITANT EFFECT:	
ON THE SKIN:	Not reported to be an irritant.
ON THE EYE:	Not reported to be an irritant, except as foreign body in eye.
SENSITISATION:	Not reported
SUBACUTE TO CHRONIC TOXICITY:	Not reported.

SECTION 12: ECOLOGICAL INFORMATION

GENERAL NOTES:	Not biodegradable. However, it is easily removed due to its physical dimensions and should be recycled.
WATER HAZARD CLASS:	It is insoluble in water.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT:	Check with local authorities. Suitable for landfill
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SECTION 14: TRANSPORT INFORMATION

HAZCHEM CODE:	None allocated as material is not classified as dangerous goods.
LAND TRANSPORT (ROAD/RAIL):	Not classified as dangerous goods.
MARINE TRANSPORT:	Not classified as dangerous goods.
AIR TRANSPORT:	Not classified as dangerous goods.
HAZARD –DETERMINING COMPONENTS OF LABELLING:	NONE
RISK PHRASES:	None required.
SAFETY PHRASES:	None required.

SECTION 15: REGULATORY INFORMATION

Materials are not listed in the SUSDP.

OTHER REGULATIONS, LIMITATIONS AND PROHIBITIVE REGULATIONS:	None.
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SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

CONTACT:	Bora Dincel (02) 9670 1633 Fourth edition.
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To whom it may concern

8. DEC 2022

Re: Confirmation of suitability of Akdeniz Chemson Additives Pacific additives for DINCEL profiles according to Australian potable drinking water requirements

Dear Madam/Sir,

Akdeniz Chemson Additives Pacific Pty Ltd confirms that the ingredients supplied for the Dincel PVC formulations Naftosafe CP 1004 are deemed suitable for potable drinking water contact due to the chemistry of our additives complying with the Australian requirements according to AS-4020 Potable Drinking Water Standard. These requirements are mandatory for potable water pipes sold commercially in Australia.

The non-toxic nature of our stabiliser one pack is evidenced by our GHS Safety Data Sheet (available upon request).

Should any additional information be required, please do not hesitate to contact the undersigned.

Akdeniz Chemson Additives Pacific Pty Ltd is a wholly owned subsidiary of the world-wide Akdeniz Chemson Group. We are a world leader in the supply of non-toxic additive one-packs for PVC processing.

Yours faithfully,

Akdeniz Chemson Additives Pacific Pty Ltd



Dr. J.-Dieter Klamann
Managing Director