Drilpex® MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Drilpex
Synonyms: Drilpex Hard Rock, Drilpex Soft Rock, Drilpex Demo

Use: Non explosive rock/concrete breaker

Supplier: Conform Pty Ltd **ACN:** 098 903 872
Street Address: 3850 Mt Lindesay Highway, Park Ridge Qld 4125
Telephone Number: (07) 3802 2244 **Facsimile:** (07) 3802 2255

Emergency Telephone: Robert Wardrop (07) 3802 2244 (Business Hours) 0438 300 262 (After Hours)

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA.

Risk Phrases:
R20 Harmful by inhalation.
R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:
S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.
S36/37 Wear suitable protective clothing and gloves.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
CALCIUM OXIDE	Ca-O	1305-78-8	30-60%
HEXAVALENT CHROMIUM	N/A	N/A	<0.1%
PORTLAND CEMENT MATERIALS	N/A	N/A	30-60%
GYPSUM	Ca-S-O4-2(H2-O)	13397-24-5	1-10%

4. FIRST AID MEASURES

EYE CONTACT: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by Poisons Information Centre, a doctor, or for at least 15 minutes.

SKIN CONTACT: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

INHALATION: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

INGESTION: DO NOT INDUCE VOMITING For advice contact a Poison Information Centre on 13 11 26 (Aust. Wide) or a doctor at once.

Notes to Doctor: Treat symptomatically. Treat as for strong alkali.

5. FIRE FIGHTING MEASURES

Specific hazards: Non-combustible material. May evolve toxic gases if strongly heated
Fire-fighting advice: No particular fire or explosion hazard

Suitable Extinguishing Media: All extinguishing agents can be used (water, dry chemical, carbon dioxide, foam and sand)
Hazchem Code: None allocated
Flammability: This product is not flammable.

6. ACCIDENTAL REALEASE MEASURES

Prevent product from entering sewers, storm drains, surface waters and soil where possible.
Collect and seal in properly labelled containers for disposal. Refer to State Land waste Authority for disposal.
Avoid generating dust.

7. HANDLING AND STORAGE

Handling advice: Not classified as a dangerous substance for the purpose of transport, storage or handling. Before use carefully read 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.
Storage advice: Keep dry and avoid spillage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Stds

Ingredient	Reference	TWA	STEL
CALCIUM OXIDE	ASCC (AUS)	2 mg/m^3	-
Gypsum	ASCC (AUS)	10 mg/m^3	-
HEXAVALENT CHROMIUM	ASCC (AUS)	0.05 mg/m^3	-
Portland Cement	ASCC (AUS)	10 mg/m^3	-

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

Personal Protection Equipment: Wear protective clothing, gloves and an eye shield

Respiratory: Use with adequate ventilation. Ventilate as needed to comply with exposure limit.

Eyes: use splash proof chemical goggles or face shield where eye contact MAY occur.

Skin: Use impervious rubber . Wash skin thoroughly after contact.

Work/Hygienic Practices: Rinse skin with soap and water after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Fine off white to grey powder		
ODOUR:	Odourless		
FLAMMABILITY LIMITS:	Non flammable	FLASH POINT:	N/R
BOILING POINT:	N/A	MELTING POINT:	2000^0C
Ph:	11 - 13	DENSITY:	900-1500 kg/m^3
SOLUBILTY IN WATER:	<10 g/L	EVAPORATION RATE:	N/A
VAPOUR PRESSURE:	N/A	VAPOUR DENSITY:	N/A
CORROSIVENESS:	Non corrosive		

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.
Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.
Material to avoid: Incompatible with oxidising agents (eg hypochlorites), ethanol, acids (eg hydrofluoric acid) and interhalogens (eg chlorine trifluoride). Water contact will increase product temperature.

Hazardous Decomposition Products: May evolve toxic gases if heated to decomposition.

Hazardous Reactions: Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Slightly corrosive – irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Once water is added, an inhalation hazard is not anticipated. Chronic respiratory effects are not anticipated with over exposure at high levels due to immediate irritant and/or corrosive effects. Hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group1)

Acute Health Effects:

EYE CONTACT: Corrosive-Irritant. On contact may result in irritation, lacrimation, pain, redness, corneal burns and possible permanent damage. Severe irritant upon contact with powder/dust.

SKIN CONTACT: Slightly corrosive. Contact with powder or wetted form may result in rash and dermatitis. May cause sensitisation by skin contact.

INHALATION: Slightly corrosive-irritant. Over exposure 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.

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.

CARCINOGENIC: Hexavalent Chromium (N/A) – Carcinogenicity: Confirmed human carcinogen (IARC Group1) Health surveillance :Required [NOHSC:1005(1994)]
GYPSUM (13397-24-5) TCLo (Inhalation): 194 g/m^3 /10 years intermittently (human) TDLo (Ingestion): 450mg/kg 3 weeks intermittently (rat)

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Waste Disposal: 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.

Legislation: Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

UN Number:	None allocated
Proper Shipping Name:	Drilpex
Dangerous Goods Class:	None allocated
Subsidiary Risk:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated

Road and Rail Transport: Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

15. REGULATORY INFORMATION

Poison Schedule: A poison schedule number has not been allocation to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP)

AICS: All chemicals listed on the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

The information and recommendations contained herein are, to the best of Conform Pty Ltd's belief, accurate and reliable as of the date issued. This M.S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

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Issue Date: 01 MARCH 2011