



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name DTM – Anti Corrosive Coating
Synonyms 1490 - Series
Relevant identified uses of the substance or mixture and uses advised against.
Identified uses Water based anti corrosive primer/topcoat.
Supplier detail
Company Name BG Coatings)Pty) Ltd.
Address U4/34 Truganina Road.
Malaga, Perth.
Western Australia.
6090
Emergency Telephone +61 (0) 0413-422-489
Facsimile
National Contact Mr A Schule

SECTION 2. HAZARD IDENTIFICATION

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Classification of the substance or mixture

Aquatic Toxicity (Chronic) - Category 1

Aquatic Toxicity (Acute) - Category 1

Pictograms



Signal word Warning
Hazard Statements H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary Statements

Preventative P273 - Avoid release to the environment.
Disposal P501 - Dispose of contents/container in accordance with local, regional, National and international regulations.

Other hazards which do not Result in classification: None identified.

SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

CAS number/other identifiers

Chemical entity	CAS number	% (weight)
Trizinc diphosphate	7779-90-0	5 - 10
Water	1732-18-5	>50
Ingredients determined to be Non-Hazardous		Balance

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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

SECTION 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/ effects, acute and delayed

Potential acute health effects

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

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SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use an extinguishing agent suitable for the surrounding fire such as dry powder, CO ₂ , water spray (fog) or foam.
Specific hazards arising from the chemical	Non-combustible material.
Hazardous thermal decomposition products	Decomposition products may include carbon dioxide, carbon monoxide metal oxide/oxides.
Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non combustible, absorbent material e.g. sand, earth, vermiculite or

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diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before re-use.

Conditions for safe storage, Including any Incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store locked up. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits specific by Safe Work Australia.
Occupational exposure limits	Natural ventilation should be adequate under normal use conditions.
Personal Protection Equipment:	
Eye protection	Use AS1337- Chemical splash goggles.
Skin and body protection	Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). For hand protection use chemical resistant protective gloves (PVC/Rubber/Nitrile/Chloroprene).
Respiratory protection	None required under normal conditions, however where mist occurs in spraying circumstances, wear AS1716 disposable half-mask dust/mist respirator.
Hygiene measures	Avoid contact with eyes and prolonged skin contact.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Viscous liquid.
Colour:	Coloured.
Odour:	Faint odour.
Solubility in water:	Soluble.
Specific Gravity:	~ 1.200 Kg/l
Relative Vapour Density (air=1):	No data available.
Vapour Pressure (20 °C):	No data available.
Flash Point (°C):	Non Flammable.
Lower and upper explosive (flammable) limits:	No data available.
Auto ignition Temperature (°C):	No data available.

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Melting Point/Freezing point (°C): 0
Boiling Point/Range (°C): No data available.
Decomposition Point (°C): No data available.
PH: 8 - 10
Evaporation Rate: No data available.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Elevated temperatures and sources of ignition.
Incompatible materials: No available data.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Information on the likely routes of exposure: Inhalation, ingestion, skin and eye contact.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
 Skin contact : No known significant effects or critical hazards.
 Inhalation : No known significant effects or critical hazards.

Potential chronic health effects

General : Toxic to aquatic life with long lasting effects.
 Carcinogenicity : No known significant effects or critical hazards.
 Mutagenicity : No known significant effects or critical hazards.
 Teratogenicity : No known significant effects or critical hazards.
 Developmental effects : No known significant effects or critical hazards.
 Fertility effects : No known significant effects or critical hazards.

Acute toxicity estimates

No data available.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Substance	Result	Species	Dose
Trizinc diphosphate	Acute EC50 > 1.08 mg/l	Aquatic - Daphnia magna	48 hours
	Acute LC50 0.09 mg/l	Fish - Oncorhynchus mykiss	96 hours

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecotoxicity Do not allow the product to contaminate waterways. Wastes resulting from use of the product must be disposed of on site or at approved waste sites.

Persistence and degradability No information available.

Bio accumulative potential No information available.

Mobility in soil No information available.

Other adverse effects No known significant effects or critical hazards.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Disposal should be in accordance with applicable regional, national and local laws and regulations. Refer to Section 8 for Exposure Controls and Personal Protection of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

SECTION 14. TRANSPORT INFORMATION

Designation	Land Transport (ADG)	Marine Transport (IMO/ IMDG)	Air Transport (IATA)
UN number	3082	3082	3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s.		
Transport hazard class	9	9	9
Labels required	 	 	
Packing group	III	III	III
Marine pollutant	Yes	Yes	Yes
Additional information	No data available.	Emergency schedules (EmS) F-A, F-S	No data available.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product.

Information compiled with reference to raw material safety data sheets.

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SECTION 16. OTHER INFORMATION

History

Date of printing : 19 April 2023
Date of previous issue : Not applicable.

Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be only used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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