

# Material Safety Data Sheet

## DiamondCoat Tint

Issue Date: June 2012

7 Day Technical Support 1800 655 711

### 1. Identification of the Material and Supplier

Company Name:	Crommelin	U.N. Number:	1263
Address:	72 Division St, Welshpool, WA	Dangerous Goods Class/ and Subsidiary Risk:	3
Telephone Contact:	+61 8 9458 5711	Hazchem Code:	3Y
Emergency Contact:	Poisons Information Centre 13 11 26	Poisons Schedule:	S5
Fax:	+61 8 9451 4749		
Product Name:	<b>DiamondCoat Tint</b> <b>Acrylic Sealer Tint</b>		
Manufacturers Code:	7304,7303,7302,7301		
Recommended Uses:	Tinter for addition to clear acrylic masonry sealer. Available in Warm Sand, Terracotta, Mid Grey and Charcoal.		

### 2. Hazardous Material

Hazard Classification:	HAZARDOUS SUBSTANCE. DANGEROUS GOOD. Classified as Hazardous according to the criteria of NOHSC. Classified as a Dangerous Good according to the Australian Dangerous Goods Code.
Risk Phrases:	R10 Flammable R37 Irritating to respiratory system R66 Repeated exposure may cause skin dryness or cracking R67 Vapours may cause drowsiness and dizziness R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
Safety Phrases:	S16 Keep away from sources of ignition S23 (3) Do not breathe spray S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S62 If swallowed do not induce vomiting: seek medical advice immediately and show this document S20/21 When using do not eat, drink or smoke S36/37 Wear Suitable protective clothing

### 3. Composition/ Information on Ingredients

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Acrylic Resin	None Allocated	30-40%
Hydrocarbon Solvent	64742-95-6	<10%
Pigment Oxides	Not Applicable	50-70%
Ingredients determined not to be hazardous		to 100%

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### 4. First Aid

Swallowed:	Do not induce vomiting. Wash mouth and lips thoroughly with water. Seek medical advice if symptoms persist.
Eyes:	Immediately flush gently with running water, holding eyelids open for 15 mins. Seek medical attention.
Skin:	Wash affected area immediately with soap and water. If irritation develops seek medical attention.
Inhaled:	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
First Aid Facilities:	Eye wash and normal wash room facilities.
Advice to Doctor:	Treat symptomatically.
Other information:	For advice in an Emergency, contact Poisons information centre Ph: 13 11 26 (Australia) or a doctor.

### 5. Fire Fighting Measures

Flammability:	Flammable liquid and vapour.
Suitable Extinguishing Media:	Carbon dioxide, dry chemical, foam, water fog or mist. Do not use water jet.
Hazards from combustion:	Under fire conditions the product may emit toxic fumes including carbon monoxide and carbon dioxide.
Product Specific Hazards:	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Precautions in connection with fire:	Fire fighters should wear full PPE and self-contained breathing apparatus operated in positive pressure mode to prevent exposure to vapours, fumes and products of combustion. Use water spray to disperse vapours. This product should be prevented from entering drains and water courses.

### 6. Accidental Release Measures

Emergency Procedures:	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Evacuate all unprotected personnel. Increase ventilation. If possible contain the spill. Place inert, absorbent, non-combustible material onto the spillage. Use clean, non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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### 7. Handling and Storage

Precautions for safe handling:	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into work place air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product; always wash hands before eating, drinking, smoking or using toilet facilities.
Conditions for safe storage and transport:	Store in a cool, dry, well ventilated place, well away from sources of ignition incompatible storage materials such as strong acids, strong bases and oxidising agents. Protect from freezing and against physical damage. Handle and store in accordance with local and national regulations for flammable liquids.
Spills and disposal:	Absorb spilt product onto inert absorbent material, sand or earth and collect and place in labelled containers. Dispose as per local, state and federal government regulations. Do not allow large spills to enter drains or sewers, inform local water authorities and EPA in accordance with local regulations.

### 8. Exposure Controls/ Personal Protection

Exposure limits:	None established for the mixture by NOHSC, Australia. However over exposure to some chemicals may result in adverse effects on health, or aggravation of pre-existing medical conditions and/or allergic reactions and should be kept to the lowest possible levels.
Biological limit:	No Biological limit allocated.
Ventilation:	Use with good ventilation to keep airborne concentrations as low as possible. Where vapours or mists are generated a local exhaust, ventilation system drawing vapours away from workers' breathing zone, should be used.
Personal protection:	Normal site PPE. Observe good industrial hygiene.
Respiratory Protection:	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist /dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.
Eye Protection:	Safety glasses with side shields or goggles, as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances, and should conform to relevant regulations.
Hand Protection:	Use chemical resistant gloves. Final choice of gloves will vary according to individual circumstances. Occupational protective gloves should conform to relevant regulations.
Body Protection:	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended.

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### 9. Physical Description/ Properties

Appearance:	Coloured liquid.
Odour:	Aromatic hydrocarbon odour.
Melting Point:	Not Available.
Boiling Point:	155-175°C
Solubility in Water:	Insoluble in water
Specific Gravity:	1.52
pH value:	Not Available
Vapour Pressure:	1.7kPa @ 30°C
Vapour Density:	4.25 (Air = 1)
Evaporation Rate:	0.21 (n-Butyl acetate = 1)
Flash Point:	43°C (tag closed cup)
Flammability:	Flammable liquid and vapour
Flammable Limits Lower:	0.9% (for solvent)
Flammable Limits Upper:	7% (for solvent)
Percent Volatiles:	50%

### 10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions of storage and handling
Conditions to avoid:	Heat, open flames and other sources of ignition.
Incompatible Materials:	Oxidising agents, strong acids and strong bases.
Reactivity:	Does not react under normal storage and handling conditions.
Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon dioxide and carbon monoxide.
Hazardous Polymerisation:	Will not occur.

### 11. Toxicological Information

Toxicology Information:	Not available for this material.
Swallowed:	Harmful if swallowed. Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Eyes:	May be irritating to eyes. Symptoms may include redness, itching and tearing.
Skin:	Slightly irritating, may cause redness, itching and tearing.
Inhaled:	Irritating to respiratory system. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.
Chronic Effects:	Prolonged or repeated skin contact may cause defatting leading to dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.

### 12. Ecological Information

Ecotoxicity:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Persistence/Degradability:	Not Available
Bioaccumulative potential:	Not Available
Environmental Protection:	Do not discharge the product into drains, waterways or sewers

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### 13. Disposal Considerations

**Waste disposal:** Disposal of the spilled or waste product must be done in accordance with the applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not puncture, cut or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.

### 14. Transport Information

**Transport Information:** This material is a class 3 – Flammable Liquid according to the Australian Dangerous Goods Code for the transport of Dangerous Goods by Road and Rail. (7<sup>th</sup> edition).

Class 3 – Flammable Liquids and incompatible in a placard load with any of the following:

- Class 1 Explosives
- Division 2.1 Flammable Gases
- Division 2.3 Toxic Gases
- Division 4.2 Spontaneously Combustible Substances
- Division 5.1 and 5.2, Oxidising agents and Organic Peroxides
- Class 6 Toxic or Infectious Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

UN Number: 1263

Proper Shipping Name: Resin Solution

DG Class: 3

Hazchem Code: 3Y

Packaging Group: III

IERG Number: 14

IMDG Marine Pollutant: This product is classified as a Marine Pollutant according to the International Maritime Dangerous Goods Code.

### 15. Regulatory Information

**Regulatory Information:** Classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC), Australia. Classified as Scheduled Poison according to the Standard for the Uniform of Drugs and Poisons (SUSDP)

Poisons Schedule: S5

AICS (Australia): All chemicals are listed on the Australian Inventory of Chemical Substances (AICS) or are otherwise in compliance with NICNAS requirements.

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### 16. Other Information

Abbreviations:	Kg/L – Kilogram per litre mmHg – Millimetres of Mercury CAS – Chemical Abstract Service Number (used to uniquely identify chemical compounds) kPa - kilopascals
Date of Issue:	Prepared June 2012
Contact Person/Point:	Technical Manager/Chemist: Phone: +61 8 9458 5711 Emergency: Poisons Information Centre 13 11 26

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End of MSDS