

MATERIAL SAFETY DATA SHEET 4d (AQUACRYL RETARDER)

Revision: Number 4
Date 27 February. 2007

SECTION 1 Product & Supplier Identification

Product Name : Aquacryl Retarder

Other Names : None

Company : Educational Colours Pty Ltd

Address : P.O. Box 657, Croydon, Victoria, Australia 3153

Telephone : (03) 9729-0788 **After Hours :**

USE : Slow the drying time of the paint.

SECTION 2 Hazards Identification

Not classified as hazardous according to the criteria of Worksafe Australia

Dangerous Goods Class/Subsidiary Risk : None

Safety / Risk Phrases : None

SECTION 3 Ingredient Composition / Information

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Propylene Glycol	57-55-6	>99%

SECTION 4 First Aid Measures

Swallowed : Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical advice.

Eye : Irrigate with copious quantities of water for atleast 15 mins. Lift eyelids occasionally. Seek medical attention.

Skin : Wash off with soap and water. Remove contaminated clothing. If irritation persists seek medical advice.

Inhalation

of Vapours : Remove affected person to a well ventilated area. Seek medical assistance if symptoms persist.

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SECTION 5 Fire Fighting Measures

Extinguishing Media : Use CO₂, Dry chemical or water.

Fire / Explosion Hazards : During a fire, irritating and toxic gases may be produced due to decomposition or combustion.

Flammability: Combustible liquid.

SECTION 6 Accidental Release Measures

Spills & Disposal : Heed advice under Section 8 "Personal Protection". Contain spill to prevent contamination to drains / water ways. Use sand, earth or other inert absorbent material. Collect and seal in clearly and properly labelled containers for disposal in accordance with local regulations.

SECTION 7 Handling & Storage

General : Avoid contact with eyes and skin. Use with adequate ventilation. Store in a cool, sheltered location away from direct sunlight and away from sources of heat as this liquid is combustible. Keep containers tightly closed at all times when not in use. Store in clearly labelled containers.

SECTION 8 Exposure Controls / Personal Protection

Exposure Standards : No value assigned for this specific product by the NOHSC.

Engineering Controls : No special precaution necessary, general ventilation should be sufficient.

Personal Protection : Use and maintain good industrial hygiene. Avoid skin and eye contact by wearing impervious gloves and goggles. Always wash hands after use. Do not eat, smoke or drink when handling this product.

SECTION 9 Physical & Chemical Properties

Appearance : Clear liquid.
Odour : Odourless.
pH : Not available
Vapour Pressure : 0.08mm Hg
Boiling Point : 187°C
Freezing Point : -60 °C
Solubility in water : Soluble
Specific Gravity : between 1.05 – 1.10
Flammability Limits : Non flammable

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SECTION 10

Stability & Reactivity

Chemical Stability : This product is considered to be stable. Hygroscopic.

Conditions to avoid : Excess heat, moist air.

Incompatible Materials : Strong oxidising agents.

Hazardous Decomposition : Oxides of carbon, aldehyde.

Hazardous Reactions : This product will not undergo hazardous polymerisation.

SECTION 11

Toxicological Information

There are no adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms that may arise if the product is mishandled are;

Health Effects :

Carcinogenicity : Not listed.

Epidemiology : No information available.

Teratogenicity : Negligible.

Neurotoxicity : No information available.

SECTION 12

Ecological Information

Ecotoxicity : If released to water this product is expected to biodegrade relatively rapidly. If released into soil again relatively rapid biodegradation should occur. Leaching of the product in soil can be predicted. Ideally, do not release this product or any water contaminated with this product into drains, soils or waterways. Sufficient measures should be taken to retain the water used in extinguishing any fires involving this product. Dispose of contaminant in accordance with local landfill or incineration regulations.

Persistence / Degradation : Relatively rapid biodegradation expected to occur.

Mobility : Significant leaching in soil expected.

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SECTION 13

Disposal Considerations

Disposal Methods : Dispose of this product and any water contaminated with this product in accordance with local regulations. The container in which the product is / was contained should also be disposed of in accordance with local regulations.

Landfill / Incineration

Precautions : Disposal of contaminant should be in accordance with local regulations for approved landfill or incineration.

SECTION 14

Transport Information

U.N. Number : None allocated
Shipping Name : None allocated
D.G. Class & Sub Risk : None allocated
Packing Group : None allocated
Special Precautions : No special precautions for transport
Hazchem Code : None allocated

SECTION 15

Regulatory Information

Poisons Schedule : None allocated

Additional Requirements : None

All components are listed in the Australian Inventory of Chemical Substances.

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