MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product (material) Name: Benzil. Catalogue # C030.

Other Names:

Recommended Use: An accelerator for acrylics.

Supplier Name: ProSciTech

Postal Address: PO Box 111, Thuringowa Central Qld. 4817 Australia **Street Address:** 1/11 Carlton Street, Kirwan, Qld. 4817 Australia

Telephone Number: (07) 4773 9444 **Fax Number:** (07) 4773 2244

Emergency Contact: (07) 4773 9444 8:30am – 5:00pm, Monday to Friday

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous according to criteria of NOHSC.

Risk Phrases: Safety Phrases:

SECTION 3 - COMPOSITION /INFORMATION ON INGREDIENTS

SUBSTANCE:

Chemical Identity: Benzil.

Common Name(s):

CAS Number(s): 134-81-6

MIXTURE:

Ingredients Cas Number(s) Proportion (%)

Benzil 134-81-6

SECTION 4 - FIRST AID MEASURES

Swallowed: If person is conscious wash out mouth with water and seek immediate

medical attention.

Eye: Flush eyes with plenty of water, for at least 15 minutes. Seek medical

attention.

Skin: Immediatley wash skin with soap and plenty of water. Wash

contaminated clothing before re-use. Seek medical attention.

Inhaled: Remove person to fresh air. If not breathing, give artificial respiration. If

breathing is difficult, administer oxygen. Seek immediate medical

attention.

First Aid Facilities: Safety shower and eye bath.

Medical Attention & Special Treatment:

ADDITIONAL INFORMATION:

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, carbon dioxide, dry chemical powder, alcohol or

powder foam.

Hazards from Combustion Toxic fumes of carbon monoxide and carbon dioxide.

Products:

Precautions for Fire Fighters: Wear self-contained breathing apparatus and protective clothing to

prevent contact with skin and eyes.

Hazchem Code:

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures:

Containment and clean up: Wear a respirator, chemical safety goggles, rubber boots and heavy

rubber gloves. Sweep up, place into a bag and hold for disposal. Avoid raising dust. Ventilate the area and flush the spill site with plenty of

water.

SECTION 7 - HANDLING & STORAGE

Precautions for Safe Handling: Use in a well-ventilated area. Wash hands thoroughly after handling.

Conditions for Safe Storage: Store in a cool, dry place. Keep container tightly closed.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

Biological Limit Values:

Engineering Controls:

No exposure standard allocated.

No biological limit allocated.

Use in a well-ventilated area.

Personal Protective Equipment: Wear chemical safety goggles, rubber gloves, NIOSH/MSHA approved

respirator (if necessary) and protective clothing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Yellow crystalline powder.

Odour: Not available. PH: Not available.

Vapour pressure: 1mm of Hg at 128.4°C.

Vapour density: Not available. **Boiling point/range:** Not available. Freezing/melting point: MP 94-95°C. **Solubility:** Not available. Specific gravity or density: Not available. **Flash Point:** Not available. Not available. Flammable (explosive) limits: **Ignition temperature:** Not available.

Additional Information:

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: Stable under normal storage and handling conditions.

Conditions to avoid: Incompatible materials. **Incompatible Materials:** Strong oxidising agents.

Hazardous Decomposition Carbon monoxide and carbon dioxide.

Products:

Hazardous Reactions:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute and chronic health effects:

Possible routes of exposure: Inhalation, ingestion, skin and eye contact.

Range of effects following

May be harmful if inhaled and/or swallowed. Causes irritation to skin

exposure: and eyes.

Dose likely to cause injury:

Delayed effects:

Relevant negative data:

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Persistence and degradability:

Mobility:

Additional Information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods: Dissolve or mix the material with a combustible solvent and burin in a

chemical incinerator equipped with an afterburner and scrubber.

Observe all Federal, State and Local regulations.

Special Precautions:

SECTION 14 - TRANSPORT INFORMATION

UN Number:

UN Proper Shipping Name: Class and Subsidiary risk:

Packing Group:

Special Precautions for User:

Hazchem Code:

SECTION 15 - REGULATORY INFORMATION

Poison Schedule Number: None allocated

SECTION 16 - OTHER INFORMATION

Date of preparation of MSDS: 23 May 2008