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TRAFFIGARD

Water Based Acrylic High Build Weather Proof Coating

MATERIAL SAFETY DATA SHEET (MSDS)

IDENTIFICATION

Chemical Name: Acrylic Emulsion

Dangerous Goods Class: N/A

Poison Sch: N/A

UN No: N/A

Sub Risk: N/A

Cas No: N/A

Hazchem Code: N/A

Packaging Group: N/A

DESCRIPTION / PHYSICAL DATA

Appearance: Liquid gel - various colours

Odour: Slight Ammonia smell

Corrosion: N/A

Melting Point: N/A

Volatile material: N/A

pH Value: 8-9 %

Boiling Point ($^{\circ}$ C): 100 (water)

Flashpoint: N/A

Auto Ignition: Not established

Vapour Pressure: N/A

Specific Gravity: 1.35kg/m³

Flammability Limits: N/A

Soluble in water: Yes

COMPOSITION

COMPONENT:	CAS NO:	WEIGHT %:
Water		5-10
Ammonia Aqua		0-1
Calcium Carbonate		10-30
Acrylic Resin		30-60
Preservatives		0-1
Silica		5-10
Surfactants		0-1
Iron Oxide pigments		1-5
Organic Pigments		1-5
Titanium Dioxide		5-10
Monopolyethylene Glycol		0-1
High Boiling Point Coalescents		1-5

INFORMATION IS SUPPLIED IN GOOD FAITH BASED ON DATA AVAILABLE AT THE TIME OF PRINTING. NO WARRANTY IS EXPRESSED OR IMPLIED.

Issue Date: May 1997

Material Safety Data Sheet : TRAFFIGARD

HEALTH HAZARDS / FIRST AID**Health Hazard**

General	Low toxicity may cause irritation to Gastrointestinal Tract if ingested. Prolonged exposure may cause skin irritations and eventually Dermatitis.
Inhalation	May cause irritation on prolonged contact.
Skin	May cause irritation on prolonged contact.
Eyes	Causes irritations.

First Aid

Inhalation	Remove person to fresh air. Avoid further exposure. If symptoms persist, seek medical attention.
Ingestion	There is no hazard by this route in normal industrial activities. If accidentally swallowed, DO NOT INDUCE VOMITING, give glass of water, keep at rest and obtain medical attention.
Skin	Remove contaminated clothing and flush area with water. Use soap and water or proprietary skin cleaners. If rash or other skin symptoms develop, seek medical attention.
Eyes	Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

PRECAUTIONS**Exposure Limits:**

Personal Safety Protection:	Wear chemical splash goggles or face shield. Wear protective clothing and gloves.
Safety Precautions During Use:	Always provide adequate ventilation. Forced ventilation may be required if inadequate.
Safety Precautions During Storage:	Store in sealed containers at ambient temperatures (5-40°C.) Do not allow to freeze, keep containers closed when not used.

SAFETY HANDLING - "WHAT TO DO"**Fire**

Flammability:	Non flammable.
Extinguishing Media:	This product will burn in the presence of a strong ignition source, once the water is removed. Use water fog, dry chemical, foam or carbon dioxide fire extinguishers. Fire fighters should wear self-contained breathing apparatus to avoid inhalation of toxic smoke or fumes.
Hazardous Decomposition:	Fumes and smoke. Carbon monoxide in the case of incomplete combustion.

Spillage On Roads & Fields:

Recover free liquids where possible. Use absorbent materials. Sawdust, sand, earth on spill area, clean-up while still wet. Dispose in approved disposal facility.

Destruction & Removal of Spill: Absorbent material should be disposed of in an approved disposal.

Contamination of Water: Do not empty into drains or sewers. Dispose in approval disposal facility.
Storage: No special requirements. Keep away from extreme heat. Protect from frost.