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MATERIAL SAFETY DATA SHEET

COLOUR WASH

IDENTIFICATION

Chemical Name: Liquid dispersion
Trade Name: Perma-Colour Colour Wash
Description: Liquid Colored Pigment

HAZARDS IDENTIFICATION

Health Hazard	0 – minimal	Reactivity	1 – Slight
Flammability	0 – minimal	Personal Protection	E – Glasses, Gloves, Apron

INFORMATION ON INGREDIENTS

Ingredients:	Coloured Pigment	N/A %
	Water	N/A %
	Dispersant Package	Inorganic Salt of Organic Polymer (anionic)
	Biocide Type	N/A

PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	Varies
Odour	acrylic
pH	8.0
Boiling point/range	100 °C water
Melting point/range	0 °C Water
Flash point	noncombustible
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapour pressure	17.0 mmHg at 20 °C Water
Relative vapour density	- 1.0 water
Water solubility	100%
Relative density	1.00 – 1.60 per Ltr
Viscosity, dynamic	3050 cP
Evaporation rate	<1 Water
Percent volatility	0

NOTE: The physical data presented above are typical values and should not be construed as a specification.

ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions

CAUTION: Keep spills and cleaning run off out of municipal sewers and open bodies of water

Methods for cleaning up

Contain spills immediately with inert materials (e.g. sand, earth).
Transfer liquids and solid diking material to separate suitable containers for recovery or disposal

HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed.

Further information on storage conditions: Keep from freezing – product stability may be affected. Stir well before use.

Storage

Storage Temperature: 1 – 49 °C

Store in cool ,dry, well ventilated place out of direct sunlight. Keep lid on when not in use.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit(s)

Exposure limits are listed below, if they exist.

Exposure Controls

Eye protection: Not Necessary

Hand protection: Gloves should be worn to stop staining of hands

Protective measures: Facilities storing or utilizing this material should be equipped with an eye-wash facility

STABILITY AND REACTIVITY

Hazardous reactions

Slight skin irritation possible

Materials to avoid

N/A

TOXICOLOGICAL INFORMATION

Further information

No data are available for this material

FIRST AID MEASURES

Inhalation: Not hazardous

Skin Contact: Wash with water and soap as a precaution. If skin irritation persists, call a physician.

Eye Contact: Rinse with plenty of water. If eye irritation persists, consult a specialist.

Ingestion: Drink 1 or 2 glasses of water. Consult a physician if necessary. Never give anything by mouth to an unconscious person.

FIRE-FIGHTING MEASURES

Thermal decomposition Thermal decomposition may yield acrylic monomers.

Suitable extinguishing media Use extinguishing media appropriate for surrounding fire.

Specific hazards during fire fighting : Non hazardous

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and Protective suit.

ECOLOGICAL INFORMATION

Not regulated.

DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Disposal

Disposal must be made in accordance State & local regulations, refer to Waste Management Authority. Discarded Iron Oxide would not be classified as a hazardous waste.

TRANSPORT INFORMATION

Classification for ROAD and Rail transport:

Not regulated for transport

Classification for SEA transport (IMO-IMDG):

Not regulated (Not dangerous for transport)

Classification for AIR transport (IATA/ICAO):

Not regulated (Not dangerous for transport)

REGULATORY INFORMATION

Based on information available, not classified as hazardous according to criteria in the HS (Minimum Degrees of Hazard) Regulations 2001.