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Safety Data Sheet – Silhouette

SUPPLIER:

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NEW ZEALAND

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1 March 2020

1. IDENTIFICATION

Product Name: FLEXOBRITE HANDPAINT MEDIUM
Other Name: Silhouette
Code No: 05028020
UN No: None Allocated
D.G. Class & Sub Risk: None Allocated
Hazchem Code: None Allocated
Poison Schedule: None Allocated
Use: As a pre-mix print base for pigment printing of textiles from an aqueous medium.

2. HAZARD IDENTIFICATION

Hazardous Nature: This product is classified as hazardous under HSNO criteria
Hazard Classifications: 3.1D Combustible liquid. 6.3B Skin Irritant
Exposure Standards: TEL (Air) Not available. TWA. 2200 mg/m³ (340 ppm) 'STEL' None specified
Environmental Standards: Not available

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Viscous white paste,
Boiling Point: 108oC
Melting Point: Not relevant
Vapour Pressure: 26 mmHg @ 20oC
Specific Gravity: Approx. 1.0
Flash Point: >80degC
Flammability limits: Not flammable
Solubility in Water: Dispersible
PH: 8.5-9.0(neat)

3 INFORMATION ON INGREDIENTS

INGREDIENTS

CHEMICAL ENTITY	CAS No	PROPORTION (w/w)
Naptha (Petroleum), hydrotreated heavy	64742-48-9	18-19%

An aqueous emulsion of an acrylic copolymer binder in a ready to use printing base containing softener, thickener emulsifier and humectant.

All components are listed in the NZ Inventory of Chemical Substances

4. HEALTH HAZARD INFORMATION

6.3B Irritating to the skin

No adverse health effects expected in the product is handled in accordance with this Safety Data Sheet. Symptoms which may arise if the product is mishandled are:

HEALTH EFFECTS – ACUTE

SWALLOWED	Ingestion may cause irritation to mouth, throat and stomach, possibly resulting in nausea and vomiting.
EYE	A mild eye irritant, causing temporary discomfort in contact with eyes.
SKIN	Contact with skin may result in irritation.
INHALED	Where this material is used in poorly ventilated areas and/or at elevated temperatures and/or confined spaces, vapour may cause irritation to mucous membranes.
CHRONIC EFFECTS	No known serious effects.

FIRST AID

SWALLOWED	Rinse mouth with water. Give plenty of water to drink. Do not induce vomiting. Seek medical advice if adverse effects occur.
EYE	Irrigate continuously with copious amounts of water for at least 15 minutes. In all cases of contamination, it is a sensible precaution to see medical advice.
SKIN	Wash affected area with soap and water. Remove contaminated clothing, wash before re-use. If irritation occurs, seek medical advice.
INHALED	Remove victim from exposure, transfer to fresh air. Seek medical advice if effects persist.
ADVICE TO DOCTOR	Treat symptomatically

5 PRECAUTIONS FOR USE

EXPOSURE STANDARDS

No value assigned for this specific material by the National Health and Safety Commission

ENGINEERING CONTROLS

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Keep containers closed when not in use.

PERSONAL PROTECTION

Wear impervious nitrile or PVC gloves, overalls and Australian Standards approved safety glasses or goggles when handling this product. Respiratory protection: wear appropriate respirator during and after application.

FLAMMABILITY

Not flammable under conditions of use.

6 SAFE HANDLING INFORMATION

STORAGE & TRANSPORT

Shipping Name:	None Allocated
UN No:	None Allocated
D.G. Class & Sub Risk:	None Allocated
Hazchem Code:	None Allocated
Packaging Group:	None Allocated
EPG:	None Allocated
Poisons:	None Allocated

GENERAL

Do not store below 0°C or above 50°C. Store in a cool sheltered place, out of direct sunlight and away from sources of heat. Keep containers tightly closed at all times when not in use. Store in clearly labeled containers.

SPILLS & DISPOSAL

Heed advice under “Personal Protection”. Contain spill to prevent contamination of drains/water ways. Use absorbent material such as sand or earth. Collect and seal in properly labeled containers for disposal in accordance with local regulations.

FIRE/EXPLOSION HAZARD

Not flammable but may give off toxic fumes if engulfed in a large fire. Firefighters should wear self contained breathing apparatus if there is a risk of exposure to vapor or products of combustion.

EXTINGUISHING MEDIA

Use extinguisher in accordance with primary source of fire.

OTHER INFORMATION

ENVIRONMENTAL DATA

Do not release this product or chemically contaminated water containing this product into drains, soils or surface water. Sufficient measures must be taken to retain the water used in extinguishing any fires involving this product. Dispose of contamination according to local regulations.

RISK/SAFETY PHRASES

Considered hazardous under HSNO NZ

Country Region: New Zealand, Asia Pacific

Inventory: NZIoC; AICS

Status: Listed

HSNO Approval Number: HSR002657, Coatings (Combustible) Group Standard 2006

Hazardous Classifications

3.1 , D' Combustible liquid. 6.3B: Skin Irritant

HSNO Controls: Refer to EPA NZ for information

TOXICOLOGY

Oral LD50 Oral >15000 mg/kg (rat)

Dermal L50D" > 15000 mg/kg (rabbit)

Inhalation LC50, (8h) >15000 ppm as vapour (rat)

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