

SAFETY DATA SHEET

According to 1907/2006 EC

SECTION 1: Identification

Product Name: **Binder F-10 (Primary Form of Acrylic Polymer)**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Excellent pigment binding capacity and color yield for textile pigment printing.

1.3 Details of the supplier of the safety data sheet

· **Manufacturer/Supplier:**

Earnest PTE Ltd.
2F, No.811, Zhongzheng Rd,
Zhonghe District, New Taipei City, 23551, Taiwan.
Emergency information: Tell: +886-2-22225087

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
The product is not classified, according to the CLP regulation.

Label elements:

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other hazards: None

SECTION 3: Composition

Composition	CAS Number	%
Acrylic Polymer	9065-11-6	45%

Hazardous ingredient	CAS Number	%
None		

SECTION 4: First aid measures

The first aid measures for different exposure routes:

Inhalation: Remove to fresh air.

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Skin Contact: Wash thoroughly with soap and water and seek medical attention if reaction occurs. Eye Contact: Bathe eyes with running water for 15 minutes Ingestion: Rinse mouth out with water. Do not induce vomiting. Seek medical attention if reaction occurs.
The most important symptoms and hazardous effects: Skin contact: There may be mild irritation at the site of contact. Eye contact: There may be irritation and redness. Ingestion: There may be mild irritation of the throat.
The protection of first-aiders: None.
Notes to physicians: None.
SECTION 5: Firefighting measures
Suitable fire extinguishing media: Use dry chemical, foam or water spray. Water can be used to cool fire exposed containers.
Specific hazards may be encountered during fire-fighting: None.
Specific fire-fighting methods: None.
Special equipment for the protection of firefighters: None.
SECTION 6: Accidental release measures
Personal precautions: Avoid contact with liquid and vapors. Wear suitable protective equipment.
Environmental precautions: Avoid entering sewers or natural waters.
Methods for cleaning up: Cover with inert absorbent material (e.g. sand, sawdust) Collect as far as possible the resulting mass and discard the remainder by spraying water.
Section 7: Handling and Storage
Handling: Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Avoid breathing mist. Keep container closed. Do not take internally.
Storage: Use reasonable care and store away from oxidizing materials. Store in a cool, dry, well ventilated area in original packaging.
Section 8: Exposure Controls/Personal Protection
Engineering control: Local Ventilation: Recommended. General Ventilation: Recommended. monitored at the workplace. Control parameters: Component Exposure Limits There are no components with workplace exposure limits.

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Personal protective equipment:

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin and body protection: Wear overalls and boots.

Section 9: Physical and Chemical Properties

Appearance	: paste
Colour	: Micky White Paste
Odour	: Light
Solid Content (%)	: 45-50
pH value(10%)	: 7.0-7.5
Flammability (solid, gas)	: None
Decomposition temperature	: -
Auto-ignition temperature	: -
Vapor pressure	: -
Specific gravity (25°C)	: 1.0-1.1(water=1)
Partition coefficient (n-octanol/water,log Kow)	: -
Melting point	: -
Boiling point	: -
Explosion limits	: None
Vapor density	: -
Solubility	: Miscible
Chemical reactivity	: None
Evaporation rate	: -
Flash point (°C)	: >96°C
Test method	: Closed cup
Special Conditions of Hazardous Reaction	: Decomposed at high temperature

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and storage conditions.

Possible hazardous reactions under specific conditions: None.

Conditions to avoid: None.

Materials to avoid: Oxidizing material.

Hazardous decomposition products: None

Section 11: Toxicological information

Acute Toxicity :

Local Effects :

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Sensitive : Longer contact with skin, irritating effects are possible.
Chronic : -
Exceptional Effect :
Section 12: Ecological information
Possibility of Environmental Impact / Move: Polluted the water. Must not enter the waters, drains or ground.
Persistence and degradability: Complete information is not yet available.
Bioaccumulative potential: —
Mobility in soil: Complete information is not yet available.
Other adverse effects: None
Section 13: Disposal Considerations
Methods of waste disposal: Chemicals must be disposed of in compliance with the respective national regulations. In case of small amount, rinses with water. Spill or Leak: In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.
Section 14: Transport information
United Nations number (UN No): Not Regulated as a hazardous material by DOT, IMO, or IATA.
UN Proper shipping name: None
Transport hazard class(es): None
Packing group: None
Marine pollutant (Yes/No): NO
Specific transport measures and precautionary conditions: None
Section 15: Regulatory Information
ERMA NEW ZEALAND HSNO Chemical Classification 6.3A Irritating To The Skin 6.4A Irritating To The Eyes Labelling according to EC directive EC Risk Phrases(R-phrases): R36/38 Irritating to eyes and irritating to skin. EC Safety Phrases(S-phrases): S26 In case of contact with eyes rinse and seek medical advice.

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S28 After contact with skin, wash immediately with plenty of soap-suds.
S36 Wear suitable protective clothing.
S37 Wear suitable gloves.
S39 Wear eye / face protection.

Section 16: Other Information

Literature references

- 1.OHS MSDS Date Base
2. Niosh - Registry of Toxic Effects of Chemical Substances
- 3.Globally Harmonized System Of Classification And Labeling Of Chemicals

Organization that prepared the MSDS	Name: Fortune Top Pte Ltd
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Person who prepared the MSDS	Title: R&D- Manager; Name: Milton Lai
Date that the MSDS was revised	2025/01/01