Product Name	**: BIO FINE GLOSS**
MSDS REF NO.	**: 4518**
ISSUE DATE	**: 07.10.2019**

Material Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE

PRODUCT INFORMATION

TRADE NAME : BIO FINE GLOSS

PRODUCT DESCRIPTION : WATER BASED EMULSION PAINT

COMPANY : PT. SKK KAKEN INDONESIA

ADDRRESS : BEKASI INTERNATIONAL INDUSTRIAL ESTATE, BLOCK C-4, KAV. 5-7, SUKARESMI CIKARANG SELATAN, BEKASI, 17530

TEL NO. : +621 8990 6608

EMERGENCY ASSISTANCE : AS MENTIONED ABOVE

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION

Eye Damage/Irritation	Category 2
Aquatic Environmental Toxicity (Acute)	Category 2
Aquatic Environmental Toxicity (Chronic)	Category 3

GHS LABEL ELEMENT



Signal Word Warning

Hazardous Information

- Causes serious eye irritation
- Harmful to aquatic life
- Harmful to aquatic life with long lasting effects

Precautionary Statement

«Prevention»

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash hands thoroughly after handling.
- Obtain instruction manuals before use.
- DO NOT handle until all safety precautions have been read and understood
- DO NOT eat, drink or smoke when using this product.
- Avoid breathing dust/fume/gas/mist/vapours/spray
- Avoid release to the environment

«First Aid Measures»

- IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persist : Get medical advice/attention.
- If exposed or concerned : Get medical advice/attention.
- Get medical advice/attention if you feel unwell.

«Storage»

- Store locked up.

«Disposal»

- Dispose of contents/container in accordance with applicable local/regional/national/international regulation.

3. Composition / Information on Ingridients

Substance or mixture Mixture

CHEMICAL NAME	CAS NO.	CONC.
Acrylic Polymer	--	30-40 %

4. First Aid Measures

EYE CONTACT

Immediately flush eyes with plenty of running water for at least 15 minutes. Get medical attention

SKIN CONTACT

Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Get medical attention.

INHALATION

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Call a physician

INGESTION

Rinse mouth with plenty of water. Drink 1 or 2 glasses of water to dilute. Call a physician immediately.

5. Fire Fighting Measures

EXTINGUISHING MEDIA : Dry Chemical, alcohol-resistant form, CO2

FIRE FIGHTING PROCEDURE : Handle as non-flammable liquid.

Water may be used to cool and protect exposed containers. Fire-fighters should use protective clothing, eyes protection, and self-contained breathing apparatus.

FIRE FIGHTING EQUIPMENT : Respiratory & eye protection required for fire–fighting personnel. Full protective equipment and self-contained breathing apparatus (SCBA) should be. Used for all indoor fires and any significant outdoor fires.

HAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS : Carbon dioxides, Carbon monoxide

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel away

ENVIRONMENTAL PRECAUTIONS:

Do not let this chemical enter the environment

CLEAN-UP-METHODS:

Collect leaking and spilled liquid in appropriate containers as much as possible. Use non-sparking tools and equipment. Absorb remaining liquid with inlet material (eg. dry sand, earth), and place in a chemical waste container. Do not flush to seawater.

7. Handling & Storage

HANDLING

Do not open drums in unventilated areas. Avoid breathing concentrated vapours. Since empty containers retain product residue (vapours and/ or liquid) follow all MSDS precautions even with empty containers. Wash hands with soap and water after handling. Remove contaminated clothings or shoes. Wash clothing before using again. Do not take internally.

STORAGE

Keep containers tightly closed. Store in a cool, dry, well-ventilated area. Do not allow this product to freeze.

8. Exposure Controls/Personal Protection

VENTILATION

None required where adequate ventilation condition exists. Use general exhaust ventilation if there is sufficient to meet general worker safety and comfort. A NIOSH approved (or equivalent) particulate/vapor respirator is advised in areas with poor ventilation, or if the product is sprayed.

PERSONAL PROTECTIVE EQUIPMENTS

For respiratory organs	: Wear self-contained breathing apparatus
For eyes	: Wear chemical safety goggles.
For skin	: Wear protective gloves which do not absorb chemical. Discard gloves with tears, pinholes or wear. Long sleeved shirts and trousers are recommended when handling chemicals. Wash hands with soap and water after handling.

9. Physical And Chemical Properties

PHYSCIAL STATE, FORM	: Viscous Liquid
BOILING POINT	: 100^{o}C (Estimated)
MELTING POINT	: Not Available
FLASH POINT	: Not Applicable (Aqueous system)
AUTOIGINITION TEMP.	: Not Applicable
FLAMMABLE LIMIT	: Not Applicable
SPECIFIC GRAVITY	: 1.00 – 1.25
SOLUBILITY IN WATER	: Soluble

10.Stability And Reacitivity

STABILITY

Stable under normal storage and handling condition

MATERIALS TO AVOID

Strong Oxidizing agents.

CONDITIONS TO AVOID

Elevated temperatures, freezing, poor ventilation, corrosive atmospheres, excessive aging

HAZAROUS POLYMERSION

Will not occur

11.Toxicological Information

There is no data available on the product itself. Excessive exposure to vapours & spray mists may cause minor irritation of respiratory system, skin and eyes. May caused gastrointestinal irritation, vomiting, nausea and diarrhea. No chronic health hazards. Other effects may be described for exposure to vapours.

12.Ecological Information

There is no data available on the product itself. The product should not be allowed to enter drains or watercourses or to be deposited where it can affect ground or surface waters.

13.Disposal Information

Recycle wherever possible. Consult manufacturer for recycling options.

Consult State Land waste management Authority for disposal.

Recycle if possible; otherwise dispose in chemically secure landfill.

14.Transport Information

LAND TRANSPORT ADR,RID

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for land transport

RAIL TRANSPORT

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for rail transport

SEA TRANSPORT IMDG

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated
MARINE POLLUTANT	NO

Not classified as dangerous for sea transport

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AIR TRANSPORT ICAO/IATA

Class	Not regulated
Packaging Group	Not regulated
UN NO.	Not Regulated

Not classified as dangerous for air transport

15.Regulatory Information

Follow all regulations in your country.

16.Other Information

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.