



Material Safety Data Sheet

Product Name : SUPER BIOFINE
MSDS Ref. No: 1019-03
Published Date: 11.10.2013

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

PRODUCT INFORMATION

TRADE NAME : SUPER BIOFINE

PRODUCT DESCRIPTION : ACRYLIC SHEEN EMULSION PAINT

COMPANY : SKK (S) PTE LTD

ADDRESS : NO. 7 KIAN TECK ROAD SINGAPORE 628766

TEL NO. : +65 6265 8355

EMERGENCY ASSISTANCE : AS MENTIONED ABOVE

DATE OF PREPARATION : 11th OCTOBER 2013

2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS AND NON TOXIC SUBSTANCE

NON-DANGEROUS GOODS

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient and Content

CHEMICAL NAME	CAS NO.	CONC.
Water	7732-18-5	10 - 20 %
Titanium Oxide	13463-67-7	10 - 20 %
Styrene Acrylics Polymer	--	35 - 45 %
Limestone	1317-65-3	10 - 15 %



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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 a 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 and 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 inert material (eg. dry sand, earth), and place in a chemical waste container. Do not flush to seawater.



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7. HANDLING AND STORAGE

HANDLING

Do not open drums in unventilated areas. Avoid breathing concentrated vapors. Since empty containers retain product residue (vapors 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/vapour 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

PHYSICAL STATE, FORM : Viscous Liquid
BOILING POINT : 100 °C (Estimated)
MELTING POINT : Not Available
FLASH POINT : Not Applicable (Aqueous system)
AUTOIGNITION TEMPERATURE : Not Applicable
FLAMMABLE LIMIT : Not Applicable
SPECIFIC GRAVITY : 1.23 – 1.46 (Depend on colours)
SOLUBILITY IN WATER : Soluble



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10. STABILITY AND REACTIVITY

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 POLYMERIZATION

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 cause gastrointestinal irritation, vomiting, nausea and diarrhoea. 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.



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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

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.