

Safety Data Sheet

According to Global Harmonized System (GHS)
Department of Safety and Health (MALAYSIA)



SECTION 1 : IDENTIFICATION OF THE CHEMICAL AND SUPPLIER

1.1 Product Identification

Trade name : BOND - 1001
Use : For industrial use only

1.2 Company Identification

Manufacturer's / Importer's /
Distributor's name and address : HANYO INDUSTRIAL SDN BHD
No. 31, Jalan BA/11, Kawasan
Perindustrian Bukit Angkat, Sg
Chua, 43000, Kajang, Selangor.
Malaysia.

Telephone number : 03-87409866
Emergency telephone number : 03-87409866

SECTION 2 : HAZARD IDENTIFICATION

2.1 Classification of Substance or Mixture

Physical hazard	:	Not applicable
Health hazard	:	Not applicable
Environmental hazard	:	Not applicable

2.2 Label Elements

Pictogram	:	NONE
Signal word	:	NONE
Hazard statements	:	NONE
Precautionary statements	:	NONE

2.3 Other Hazards

None known.

SECTION 3 : COMPOSITION AND INFORMATION OF CHEMICAL INGREDIENTS

Chemical Characterization: **Mixture**

Ingredient	CAS No.	Proportion (% by weight)
Polymeric dispersion	Not applicable	30 to 65
Biocides	Not applicable	<1
Surfactant	Not applicable	<2
Water	7732-18-5	35 to 70

SECTION 4 : FIRST AID MEASURES

- Eye contact : Immediately flush eyes with running water for several minutes. Seek medical attention if necessary.
- Skin contact : Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
- Inhalation : Move to fresh air. If necessary, give oxygen and seek for medical attention.
- Ingestion : Seek immediate medical attention. Do not induce vomiting unless instructed by a physician.
- Important symptoms : No information available.

SECTION 5 : FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

- Suitable : Large fires - Water, Alcohol type or all-purpose type foam
Small fires - Carbon dioxide or dry chemical media
- Unsuitable : None

5.2 Specific Hazards arising from the Chemicals

CO₂ and traces of incompletely burnt carbon products may emit noxious fumes.

5.3 Special Protective Equipment and Precautions for Fire –fighters

- Fire-fighting instructions : Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors, re-ignition is possible.
- Special protective equipment : Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant standards.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

- Personnel precautions, protective equipment and emergency procedures : See Section 5 for fire-fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.
- Environmental precautions : Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Methods and material for containment and cleaning : Recover the product for re-use if possible, or for elimination. The product might where appropriate, be absorbed by inert material. Wash with water.

SECTION 7 : HANDLING AND STORAGE

- Precautions for safe handling : Wear suitable protective clothing.
Avoid inappropriate stacking of package units.
Avoid prolonged or repeated contact with skin.
Do not eat, drink or smoke while handling.
- Conditions for safe storage : Keep container tightly closed.
Use properly labeled and closable containers.
Store at room temperature and avoid frost.

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control Parameter

Ingredients with limit values that require monitoring at the workplace:

This product does not contain any relevant quantities of materials with critical values that have to be monitored at workplace.

8.2 Appropriate Engineering Controls

Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source. Adequate ventilation should be provided so that exposure limits are not exceeded. Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

8.3 Individual Protection Measures

- | | | |
|------------------------|---|--|
| Respiratory protection | : | Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. |
| Skin protection | : | Wear chemically protective gloves, boots, aprons, and gauntlets prevent prolonged or repeated skin contact. |
| Eye protection | : | Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face protection regulations (29 CFR 1910.133). |

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Form	: Flowable emulsion
Colour	: White
Odour	: Not determined
Odour threshold	: Not determined
pH	: 3.0 – 9.0
Melting point	: Not determined
Boiling point	: Not determined
Flash Point (°C)	: Not determined
Evaporation rate	: Not determined
Flammability	: Not determined
Explosive limit	: Not applicable
Auto-ignition temperature (°C)	: Not applicable
Decomposition temperature (°C)	: Not determined
Vapour pressure	: Not determined
Vapour density	: Not determined
Solubility in water	: Soluble
Partition coefficient: n-octanol-water	: Not determined
Viscosity	: Not determined
Specific Gravity (g/cm ³)	: 1.0 – 1.1

SECTION 10 : STABILITY AND REACTIVITY

Reactivity / Chemical stability	: Material is stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known.
Conditions to avoid	: Heat, flame, ignition sources and dusts.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Thermal oxidative decomposition can produce carbon monoxide and carbon dioxide.

SECTION 11 : TOXICOLOGICAL INFORMATION

Acute toxicity	: No data available.
Skin corrosion or irritation	: No data available.
Serious eye damage or eye irritation	: No data available.
Respiratory sensitization	: No data available.
Skin sensitization	: No data available.
Germ cell mutagenicity	: No data available.
Carcinogenicity	: No data available.
Reproductive toxicity	: No data available.
STOT – single exposure	: No data available.
STOT – repeated exposure	: No data available.
Aspiration hazard	: No data available.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity	: No further relevant information available.
Persistence and degradability	: No further relevant information available.
Bioaccumulative potential	: No further relevant information available.
Mobility in soil	: No further relevant information available.
Other adverse effect	: No further relevant information available.

SECTION 13 : DISPOSAL INFORMATION

Waste from residue	: Recover or recycle if possible. Suitable routes of disposal are supervised incineration, preferentially with energy recovery. Do not dispose into the environment, in drains or in watercourses.
Contaminated packaging	: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor.
Local Legislation	: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14 : TRANSPORTATION INFORMATION

- International Regulation : Land (**ADR/RID**) - Not regulated as dangerous goods
Sea (**IMDG**) - Not regulated as dangerous goods
Air (**IATA**) - Not regulated as dangerous goods
- Transport in bulk : According to **Annex II of MARPOL 73/78 and the IBC Code**
Pollution category - Not applicable
Ship type - Not applicable
- Special precautions : Refer to Chapter 7, Handling & Storage, for special precautions, which a user needs to be aware of or needs to comply with in connection with transport.

SECTION 15 : REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Local regulations:

- Occupational Safety and Health Regulation 2013 – Classification, Labelling and Safety Data Sheet of Hazardous Chemicals
- Occupational Safety and Health Regulation 2000 – Use and Standards of Exposure of Chemicals Hazardous to Health
- Environmental Quality Act 1974
- Environmental Quality (Schedule Waste) Regulations 2005
- Custom Act 1967 – require Export Permit

SECTION 16 : OTHER INFORMATION

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THE ABOVE INFORMATION DESCRIBES EXCLUSIVELY THE SAFETY REQUIREMENTS OF THE PRODUCTS AND IS BASE ON OUR PRESENT DAY KNOWLEDGE. THE DATA ARE NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FOR WHICH TECHBOND MANUFACTURING SDN. BHD. ASSUMES LEGAL RESPONSIBILITY. THEY ARE OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION AND VERIFICATION. ANY USE OF THESE DATA AND INFORMATION MUST BE DETERMINED BY THE USER TO BE IN ACCORDANCE WITH APPLICABLE LOCAL LAWS AND REGULATION.