

P. I. BOND PI-3300 SDS, P. T. POLY OSHIKA Prepared Date: 2022/04/08, SDS-2050

Prepared Date : 2022/04/08

Revision5

First Edition : 2001/08/02

SAFETY DATA SHEET

IDENTITIFICATION

Phone Number

Product Name P. I. BOND PI-3300 P. T. POLY OSHIKA Supplier

Address JI. Raya Kebayoran Lama, NO. 19H Jakarta 12220, Indonesia

62-21-722-5304

Emergency Contact 81-3-5916-8845 (Oshika Corporation, International Business Gr.)

Application and Restriction Adhesive for laminated lumber

Document Number (SDS-ID) SDS-2050

2. HAZARD IDENTIFICATION

GHS Hazard Class and Category : Not applicable

Pictograms (or Hazard Symbols) : None Signal Word: None

Hazard Statements : None(no result in GHS classification)

Precautionary Statements : Obtain special instructions before use. Do not handle until all

safety precautions have been read and understood. Keep out of

reach of children.

If you feel unwell, get medical examination/ medical aid. Store between 5-35°C. Protect from sunlight. Keep container

tightly closed. Do not freeze.

Disposal of contents and container should be done in compliance with the law and regulations concerned and the rules of the

local government of the country.

When entrust disposal of waste to professionals, inform them

danger and hazardous property appropriately. GHS classification has been based on "JIS Z 7252:2019" and Information on GHS Classification :

"Globally Harmonized System of Classification and Labelling of

Chemicals (GHS) sixth revised edition"

The hazard class classified as "Not applicable", "Not classified" and "Classification not possible" has not been indicated on this SDS.

It is unknown hazardous to the aquatic environment for 49%

component of this compound.

Ingredients with Unknown Toxicity : Organic Polymer Compounds, Inorganic filler

3. COMPOSITION/INFORMATION ON INGREDIENTS

Category of Composition :

Ingredients:

Mixture

Ingredient	% by Wt.	CAS No.
Organic Polymer Compounds	Non-disclosure	Listed
Inorganic filler	Non-disclosure	Listed
Water	45 ~ 49	7732-18-5

4. FIRST-AID MEASURES

Inhalation : Remove victim to fresh air and keep at rest in a position

comfortable for breathing. Immediately get medical

advise/attention.

Skin Contact : If there is a change of appearance or skin irritation or rash

occurs, or if you feel unwell: Get medical advice/attention. Wipe the excess product out with clean clothes. Remove/Take off

immediately all contaminated clothing.

Eye Contact : Immediately get medical advise/attention. Remove, when you are

wearing the contact lens and you can remove easily. Also after that, continue washing. Rinse eyes with plenty of water for at least 15 minutes. Hold eyelids away from eyeball to ensure thorough rinsing. Remove contact lenses, if present and easy to

do and continue rinsing. Do not induce opening eyes, if difficult to do. Get medical advise/ attention as soon as

possible.

If vomit, open airway. Observe the patient carefully. If Ingestion : conscious, immediately rise mouth with water. Never give

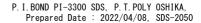
anything by mouth to a drowsy, weakness or unconscious person.

None known / No data. Expected immediate and delayed symptoms : None known / No data. Most Important Symptoms/Effects

Precautions for First-aid Responder: First-aid responders should pay attention not to contact

materials on skin/in eyes.

Notes to Physician : None known / No data.





5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media :

Inappropriate Extinguishing Media :

Specific Hazards :

Fire Fighting Procedures :

Special Protective Actions for Fire-Fighters:

Foam. Water. Wet Chemical (potassium acetate, carbonate, or citrate). Dry chemical. Halon.

None known / No data.

This product is not flammable, however the dry residue is

flammable.

Move containers from fire area if possible. Get rid of those made in the ignition source in the vicinity as soon as possible, so that fire does not spread. Prohibit the entry except the person concerned around the fire scene. Combat fire from the windward. Cool down the tanks and buildings around by water

spray in order to avoid expansion of fire.

Wear suitable protective equipments. Combat fire from the windward, wear respiratory protective equipment that can support so as not to breathe generated gas and smoke. In the case of indoor, ventilate the room enough until treatment is over. Put a rope until the product inside cools off after fire

extinguishing and prohibit the entry.

ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear suitable protective equipments. Rope off the leaking area

for persons not to enter. Evacuate from the leaking area to downwind. Combat fire from the windward. Wash face and hands

personal protective equipment e.g. breathing protection,

after use. Avoid breathing vapors. Avoid contact with skin. If needed, use

Protective Equipment and Emergency

Procedures :

closed to the location.

protective clothing, protective gloves, rubber boots, safety spectacles, etc.. Prevent the inflow drains, sewers, basements, or

Environmental Precautions : Do not let this chemical enter the environment (waters. soil). If flow into river or lake, immediately contact to the police

station, fire station, the waterworks bureau, the health center, the department of environmental pollution in local, the agricultural cooperative association and the fishermen's cooperative association etc.. When large quantity was spilled, dike the area with soil or e.t.c. to prevent an outflow to the drainage and process it at a place safe as possible for disposal

or recovery.

Collect leaking and spilled liquid in sealable containers as far Recovery and Neutralization Techniques :

> as possible. Absorb remaining liquid in soil, sand, diatomite or inert absorbent and collect in sealable containers. Prevent the inflow drains, sewers, basements, or closed to the location. Cut off the leakage source and stop a leak, if not dangerous.

When leaking, collect and prevent the spread promptly. Inform related posts/departments to require the assistance.

Immediately remove all ignition sources/hot surfaces/combustible materials.

Methods and Materials for Containment and Cleaning up/Prevention of Secondary

Accident:

7. HANDLING AND STORAGE

Handling:

Technical Measures :

Ventilation Requirements :

Incompatible Materials and Mixtures :

Storage

Safe Storage Conditions :

Appropriate technical measures:

Appropriate storage conditions:

Conditions to Avoid :

Incompatible Materials and Mixtures :

Container/Package

Appropriate Container/Package :

Inappropriate Container/Package :

Work Hygienic Practices :

Wear protective gloves, clothing and eyes/face protection. (Refer to section 8) Avoid tumble, drop, shock and friction. Wash hands and rinse mouth after use.

Ventilation and emission are not needed in normal use.

Alkalies. Acids.

Protect from sunlight. Keep container tightly closed. Keep container tightly closed. Protect from sunlight. Store

between 5-35°C. Do not freeze. Alkalies. Acids.

Stored in product containers. Use container without damage,

corrosion or crack. None known / No data.

Use clean and effective personal protective equipments.

Wash hands after use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits : Not established.

Control Concentration on Japan ISHA: Not established.

Engineering Controls : Wear the following equipments for protection if necessary, depending on ventilation system, quantity and frequency of

handling, working hours, processing method and e.t.c. Ventilation and emission are not needed in normal use.

Personal Protective Equipments :

Respiratory Protection:

Not normally required. Cotton gloves. Chemical protective gloves (JIS T 8116). Protective Gloves :

Impermeable protective gloves.

None

None

Eve Protection :

Glasses. Safety goggles. Safety spectacles (JIS T 8147) Skin and Body Protection : Impervious long sleeves work clothes. Long sleeves work clothes.

Protective long shoes.

None known / No data.

None known / No data.

None known / No data. None known / No data.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Physical state, shape): Viscous liquid.

Color : White

Odor : Almost odorless. Melting Point/Freezing Point : Approx. 0°C

Approx. 100°C Boiling Point, Initial Boiling Point and

Boiling Range : Flammability

Upper/Lower Flammability or Explosive

Limits:

Flash Point :

Auto-Ignition Temperature : None known / No data. Decomposition Temperature : None known / No data. pH : 6.8 10 Pa · s (23°C) Viscosity:

Dynamic viscosity: Solubility:

n-octanol/water partition coefficient :

Vapor Pressure

None known / No data. Specific Gravity (Relative Density) : 1.1~1.3 (23°C) None known / No data. Relative gas density Particle characteristics : Not applicable.

10. STABILLITY AND REACTIVITY

Reactive, Chemical stability: May decompose or be separated after long term storage. May be

precipitated after long term storage.

Possibility of Hazardous Reactions : Reacts with acid/alkali and separate, forms or is precipitated.

Stable under normal temperature conditions.

Conditions to Avoid : Contact with incompatible materials. Direct sunshine.

Temperature over 35°C or below freezing point.

Incompatible Materials : Alkalies. Acids. Hazardous Decomposition Products: None known / No data.

11. TOXICOLOGICAL INFORMATION

Harmful effect division judgment of each None known.

component

Toxicological information for each component

Acute Toxicity Skin Corrosion/Irritation Serious Eye Damage/Irritation : Respiratory or Skin Sensitization : Germ Cell Mutagenicity : Carcinogenicity: Reproductive Toxicity: Specific target organ toxicity, Single

exposure

Specific target organ toxicity, Repeated

exposure

Aspiration Hazard :

None known / No data. None known / No data.

None known / No data.

None known / No data.

12. ECOLOGICAL INFORMATION

Ecotoxicity

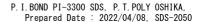
<Fish toxicity>Leakage of the waste water into the river and may cause the mortality of fish and other lives due to

dyspnea by the resinous adhesion in emulsion.

Persistence and Degradability Bioaccumulative Potential Mobility in Soil Harmful to the ozone layer

None known / No data. None known / No data. None known / No data. None known / No data.

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13. DISPOSAL CONSIDERATIONS

Disposal Considerations

Waste of chemical residues

Disposal of contents and container should be done in compliance with the law and regulations concerned and the rules of the local government of the country.

When entrust disposal of waste to professionals, inform them

danger and hazardous property appropriately.

Disposal should be entrusted to person who has permission of governor of metropolis and districts of waste industry or to local government when they process leftover waste by themselves. When discard an empty container, dispose after having completely removed contents. Empty container or packings polluted should also be entrusted to person having permission of governor of metropolis and districts of waste industry as well.

Uncleaned containers and packagings

14. TRANSPORT INFORMATION

Transport Information

Check for damage, corrode, and leak of container before transportation and that lid of container has been sealed certainly. Load without fall, drop, and damage and be sure to perfrom the precedure to prevent from dropping packages.

Japanese Regulations Ground transport

Follow the transport method determined by the Fire Service Act and the Industrial Safety and Health Act.

Marine transport Air transport Follow the transport method determined by the Ship Safety Act.
Follow the transport method determined by the Civil Aeronautics

International regulation

Follow the regulation of IMO and IMDG. Follow the regulation of ICAO and IATA.

Marine transport Air transport UN No. UN Class

Not applicable.
Not applicable.
Not applicable.
Not applicable.
Not applicable.

UN Proper Shipping Name UN Packing Group Marine Pollutant

15. REGULATORY INFORMATION

Japanese Regulations :

Industrial Safety and Health Act :

Article 57, Hazardous Chemical Substances and dangerous Chemical Substances need to display the name, etc.

Article 57-2-1, Hazardous Chemical Substances and dangerous Chemical Substances need to inform the name, etc. Ordinance on Prevention of Organic

Solvent Poisoning Disability Prevention Regulations of Specific Chemical Substances

Listed of notification from the Ministry of Health, Labour and Welfare 312-2

(Mutagenicity)

Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof

The chemical substance classification specified in [Government ordinance which revises the part of the act on confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management There of] promulgated on March 30th 2008.

Fire Service Act

Poisonous and Deleterious Substances Control

Law:

Ship Safety Law

Law Relating to Prevention of Marine Pollution and Maritime Disaster : Not applicable.

Not applicable.

Not applicable.

Not applicable.

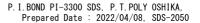
Not applicable.

Not applicable.

Non-Hazardous materials Not applicable.

Not applicable.

Harmful Liquid Substances to Marine Environment: "As type Z substances" [Mixture is classified based on the Order for Law Relating to Prevention of Marine Pollution and Maritime Disaster (The 201st, June 22, 1971 government ordinance) and (The 146th, the 147th, the 148th)]





16. OTHER INFORMATION

Formaldehyde Emission Class:

4VOC Emission Class(JAIA) :

Limit of volatile organic compounds content in adhesive : References :

Notes on SDS:

The summary of changes on this revision :

JAIA-002310 F☆☆☆☆

Voluntary Management Guidelines for Countering Indoor Air Pollution (Japan Adhesive Industry Association)

JAIA-504248 4VOC Standard Conformity

Voluntary Management Guidelines for Countering Indoor Air

Pollution (Japan Adhesive Industry Association)

GB33372-2020 Conformity

O"Dangerous materials, poison processing handling manual" [International Technical Information Institute] O"Sachs toxic substance data book" [Maruzen] (1990) O"Special document No.62" [Japan Chemical Industry Ecology-Toxicology & Information Center] (1992) O"Advices on the maximum permissible density and e.t.c." [Japan Society for Occupational Health] O "Chemicals in the workplace that you should know" [Japan Industrial Safety & Health Association] O"Chemical danger and harmful Handbook" [Japan Industrial Safety & Health Association] O"Work environment evaluation standard(the 26th notification) [The Ministry of Labor] O"Chemical disaster prevention guide" [The Chemical Society of Japan (Maruzen)] (1996.2.20) O National Institute of Technology and Evaluation(NITE), Chemical Risk Information Platform (CHRIP). OChemical unabridged dictionary OChemical manual, basic crochet OSDS of raw materials O"Dangerous article databook" O"JIS Z 7252: 2019 (Classification of chemical based on Globally Harmonized System of Classification and Labelling of Chemicals (GHS)) "[Japanese Standards Association] OGlobally Harmonized System of Classification and Labelling of Chemicals (GHS) Sixth revised edition[United Nations, 2011] O"JIS Z 7253: 2019 (Hazard communication of chemicals based on GHS-Labelling and Safety Data Sheet(SDS)) "[Japanese Standards Association] The evaluation on hazards described in the SDS is not

handling the product. The information on this SDS is the summary of the precautions

necessarily sufficient, therefore care must be taken when

for safety handling/storage of our product.

Since we cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the content of how the user intends to handle and

use the product in the workplace.

The information on the SDS is based on our present knowledge or information obtained from sources that we believe to be accurate. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally

valid contractual relationship.

The SDS is subject to revision by amendment of regulations or

acquiring the new informations.

Base on "JIS Z 7252:2019" and "JIS Z 7253:2019".

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