

Safety Data Sheet

Issue date: 2025/04/28
Revision date: 2025/04/28

ボンド KU928C-X2wayパック

according to JIS Z 7253 : 2019

1. Chemical product and company identification

Product identifier

Substance name : ボンド KU928C-X2wayパック
SDS no : 142626

Company/undertaking identification

Company Name : Konishi Co., Ltd.
Address : 1-7-1 Dosho-machi, Chuo-ku, Osaka, Japan
Phone Number (Osaka) : +81-6-6228-2994

Emergency telephone number

Emergency number : 090-7356-6462

Recommended uses and restrictions

Recommended uses and restrictions : Adhesive for wooden flooring construction. Do not use for any other purpose.

2. Hazards identification

GHS classification

Health hazards	Serious eye damage/eye irritation	Category 2
	Respiratory sensitization	Category 1
	Skin sensitization	Category 1
	Carcinogenicity	Category 2
	Specific target organ toxicity (single exposure)	Category 2 (respiratory system)
	Specific target organ toxicity (repeated exposure)	Category 2 (respiratory system)

The hazard class classified as "No classification" and "Classification not possible" has not been indicated.

Hazard
pictograms
(GHS JP)



GHS08

Signal word (GHS JP) : Danger

Hazard statements (GHS JP) : May cause an allergic skin reaction. (H317)
Causes serious eye irritation. (H319)
May cause allergy or asthma symptoms or breathing difficulties if inhaled. (H334)
Suspected of causing cancer. (H351)
May cause damage to organs (respiratory system). (H371)
May cause damage to organs (respiratory system) through prolonged or repeated exposure. (H373)

Precautionary statements (GHS JP)

Prevention precautionary statements : Obtain special instructions before use. (P201)
Do not handle until all safety precautions have been read and understood. (P202)

	Do not breathe mist/vapours/spray. (P260) Avoid breathing mist/vapours/spray. (P261) Wash hands, forearms and face thoroughly after handling. (P264) Do not eat, drink or smoke when using this product. (P270) Contaminated work clothing should not be allowed out of the workplace. (P272) Wear protective gloves. (P280) [In case of inadequate ventilation] wear respiratory protection. (P284)
Response Precautionary Statements :	IF ON SKIN: Wash with plenty of water. (P302+P352) IF INHALED: Remove person to fresh air and keep comfortable for breathing (P304+P340) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) IF exposed or concerned: Call a POISON CENTER or doctor. (P308+P311) IF exposed or concerned: Get medical advice/attention. (P308+P313) Get medical advice/attention if you feel unwell. (P314) Specific treatment (see supplemental first aid instruction on this label). (P321) If skin irritation or rash occurs: Get medical advice/attention. (P333+P313) If eye irritation persists: Get medical advice/attention. (P337+P313) If experiencing respiratory symptoms: Call a POISON CENTER or doctor. (P342+P311) Take off contaminated clothing and wash it before reuse. (P362+P364)
Storage precautionary statements :	Store locked up. (P405)
Disposal precautionary statements :	Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. (P501)
Overview expected state of emergency :	Isocyanate is contained. If inhaled, vapor or mist may cause a health problem.

3. Composition/information on ingredients

Distinction of substance or mixture :	Mixture
Generic name :	Urethane resin adhesive

Name	Concentration (%)	Formula	CAS-No.
Diphenyl methane-4,4'-diisocyanate	1 – 5%	C15H10N2O2	101-68-8
alpha-(Isocyanatobenzyl)-omega-(isocyanatophenyl)poly[(isocyanatophenylene)methylene]	1 – 5%	(CH2)m(C6H4)n. HNCO	9016-87-9
Benzene, 1,1'-methylenebis[isocyanato-	< 1%	C15H10N2O2	26447-40-5
2,4'-Diphenyl methane diisocyanate	< 1%	C15H10N2O2	5873-54-1

4. First aid measures

First aid measures

First-aid measures after inhalation :	Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact :	Immediately call a POISON CENTER/doctor. Gently wash with plenty of soap and water. Take off immediately all contaminated clothing. Rinse skin with water/shower.
First-aid measures after eye contact :	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

	Immediately call a POISON CENTER/doctor.
First-aid measures after ingestion	: Rinse mouth.
	Immediately call a POISON CENTER/doctor.
	Do NOT induce vomiting.
Personal Protection in First Aid and Measures	: Do not attempt to take action without suitable protective equipment.

5. Fire fighting measures

Suitable extinguishing media	: Dry chemical, CO2, or water spray or regular foam, Sand/earth
Unsuitable extinguishing media	: None to our knowledge
Fire hazard	: Flammable solid.
Firefighting instructions	: In case of fire: stop leak if safe to do so.
	Fight fire from safe distance and protected location.
Personal protection (Emergency response)	: Compressed air/oxygen apparatus,
	Fire-resistant protective clothing

6. Accidental release measures

Personal Precautions, Protective Equipment and Emergency Procedures

For non-emergency personnel

Protective equipment	: Do not attempt to take action without suitable protective equipment.
Emergency procedures	: Avoid contact with skin and eyes.
	Ventilate spillage area.
	Do not touch or walk on the spilled product.
	Prohibit unauthorized entry into the area.

Environmental precautions

Environmental precautions	: Prevent entry to sewers and public waters.
	Do not allow to enter drains or water courses.
	Do not allow product to spread into the environment.

Methods and Equipment for Containment and Cleaning up

For containment	: For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.
	Stop leak without risks if possible.
Methods for cleaning up	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.
	Absorb spilled material with sand or earth.
	Ground all equipment used to handle leakage.

7. Handling and storage

Handling

Technical measures	: Provide local ventilations and a full ventilation system as described in "Section 8".
	Provide ventilation system and Use necessary personal protective equipment as described in "Section 8".
Precautions for safe handling	: Refer to "Section 10".
	Ensure good ventilation of the work station.
	Do not get in eyes, on skin, or on clothing.
	Do not breathe dust/fumes/gas/mist/vapours/spray.
	No open flame, No static electricity.
Hygiene measures	: Always wash hands after handling the product.

Storage precautionary statements

Storage conditions	: Store in a well-ventilated place. Keep container tightly closed.
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Protect from sunlight.

Store in dry protected location to prevent any moisture contact.

Storage temperature : 2 – 40 °C

8. Exposure controls / Personal protection equipment

Diphenyl methane-4,4'-diisocyanate (101-68-8)

Exposure limits (JSOH)	0.05 mg/m ³
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|----------------------------------|--|
| Appropriate engineering controls | : Ensure that there is a suitable ventilation system, Use local exhaust ventilation system. |
| Hand protection | : Wear impermeable protective gloves. The following points should be considered in selecting protective gloves.
Set the time of use that can be afforded for the work with reference to the impermeability class, etc. described in the instruction manual, and use protective gloves within the set time. |
| Eye protection | : Wear appropriate eye protection (glasses, glasses with side plates, goggles). |
| Skin and body protection | : Wear long-sleeved work clothes and, if necessary, impermeable protective clothing and protective boots. The following points should be considered when selecting protective clothing and protective boots.
Set the time of use that can be afforded for the work with reference to the impermeability class, etc. described in the instruction manual, and use protective gloves within the set time. |
| Respiratory protection | : Wear appropriate respiratory protection for the situation. Consider wearing an air-supplied mask when handling high-concentration chemicals. Consider wearing respiratory protective equipment (gas mask, etc.) if workers are exposed to gas or vapor.
The following points should be considered when selecting a gas mask. Do not use where oxygen concentration is less than 18%. When using a gas mask in an environment where workers are exposed to dust, use a gas mask with dust prevention function. Gas masks should have passed a type examination provided for registered agency for type examinations and structure suitable for work. At that time, refer to the data described in the instruction manual, etc. |

9. Physical and chemical properties

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|---------------------------|---------------------------------|
| Physical state | : Liquid |
| Appearance | : Paste |
| Colour | : Yellowish white |
| Odour | : Almost odorless |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : ≥ 150 °C closed-cup |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability | : No data available |
| Explosive limits (vol %) | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Density | : 1.30 – 1.50 g/cm ³ |
| Relative gas density | : No data available |

Solubility	: Insoluble in water. Soluble in organic solvents.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, dynamic	: 70~140 Pa·s(20r/min)
Viscosity, kinematic:	: No data available
Particle size	: No data available
Particle size distribution	: No data available
Particle shape	: No data available
Particle aspect ratio	: No data available
Particle specific surface area	: No data available

10. Stability and reactivity

Reactivity	: React with water or moist air.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: React with water or moist air. React with active hydrogen. Reacts with water to generate carbon dioxide.
Conditions to avoid	: Not specifically applicable.
Incompatible materials	: No data available
Hazardous decomposition products	: Carbon monoxide.

11. Toxicological information

Acute toxicity (oral)	: classification not possible
Acute toxicity (dermal)	: classification not possible
Acute toxicity (inhalation)	: classification not possible (gas) classification not possible (Vapour) classification not possible (dust, mist)

Benzene, 1,1'-methylenebis[isocyanato- (26447-40-5)	
LD50 oral	31600 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0.369 mg/l/4h
alpha-(Isocyanatobenzyl)-omega-(isocyanatophenyl)poly[(isocyanatophenylene)methylene] (9016-87-9)	
LD50 oral	10000 mg/kg
LD50 dermal	9400 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0.49 mg/l/4h
Diphenyl methane-4,4'-diisocyanate (101-68-8)	
LD50 oral	31600 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	0.369 mg/l/4h

Skin corrosion/irritation	: classification not possible
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitization	: May cause an allergic skin reaction.

Germ cell mutagenicity	: classification not possible
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: classification not possible
STOT-single exposure	: May cause damage to organs (respiratory system).
STOT-repeated exposure	: May cause damage to organs (respiratory system) through prolonged or repeated exposure.
Aspiration hazard	: No classification

12. Ecological information

Ecology - general	: Dangerous for the environment if discharged into watercourses.
Hazardous to the aquatic environment, short-term (acute)	: classification not possible
Hazardous to the aquatic environment, long-term (chronic)	: classification not possible

ボンド KU928C-X2way パック	
Persistence and degradability	No data available

ボンド KU928C-X2way パック	
Bioaccumulative potential	No data available

ボンド KU928C-X2way パック	
Mobility in soil	No data available

Ozone	: classification not possible
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13. Disposal considerations

Residual Waste	: If you would like to dispose of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this chemical, you should provide sufficient information on dangerousness and hazard of this chemical.
Contaminated Container and Packaging	: Container should be recycled after cleaning or if you would like to dispose of container of this chemical, you should properly dispose of this by yourself or ask qualified specific agents dispose of this according to related legislations and local regulations. If you would like to ask the agents dispose of this container, you should provide sufficient information on dangerousness and hazard of this chemical in this container and information on ingredient and notice of container.

14. Transport information

International Regulations

Overland transport (UN RTDG)	Transport by sea (IMDG)	Air transport (IATA)
UN number		
Not applicable	Not applicable	Not applicable
UN proper shipping name		
Not applicable	Not applicable	Not applicable
Transport hazard class(es)		

Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable
Packing group		
Not applicable	Not applicable	Not applicable
Environmental hazards		
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No

Marine pollutant : No
Special transport precautions : Please refer to "Section 7" in detail,
Under loading, containers must be carefully handled to prevent
damage of containers and must be fixed them tightly to prevent falling
of containers.

15. Regulatory information

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

16. Other information

Formaldehyde emission grade : JIS F ★★★★★(JAPANESE INDUSTRIAL STANDARD : A5536)
JIS F ★★★★★(JAPANESE INDUSTRIAL STANDARD : A5550)

NOTICE : This SDS was made out as English translated version of the SDS based on the Japanese laws and regulations. Therefore, it was not applicable to the domestic distribution in the importing country.