

Date of issue: 09/14/2023

Technical Data Sheet – Joto-Vent Series

[1. Identification of the substance/mixture and of the company/undertaking]

Product identifier:

Product name: Joto-Vent Series (KP-L Series, JVS Series, KP-LRB, KP-LUH)

Product code (Technical Data Sheet NO): Joto-Vent Series_US-1

Product class:

The product is an article made from polymer and is stable in general environment and has no physical/chemical hazards.

Considering generation of dust in working process, the Technical Data Sheet describes hazards of the product as mixture.

Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the product: For Crawl Space Ventilation

Details of the supplier of the safety data sheet

Manufacturer/Supplier: Joto Techno Co., Ltd.

Address: Nissei Yodoyabashi East 14F, 3-3-13 Imabashi, Chuo Ku, Osaka City, Osaka Prefecture, Japan

Telephone number: +81-6-6786-8601

FAX: +81-6-6786-8068

For emergencies, call Chemtrec at 1-800-424-9300.

[2. Hazards identification]

GHS classification and label elements of the product

Classification of the substance or mixture

Classification according to Hazard Communication Standard - 2012 (29 CFR 1910.1200)

Not classified/Classification not possible

Label elements

Labelling according to Hazard Communication Standard - 2012 (29 CFR 1910.1200)

No GHS label element

No Signal word

[3. Composition/information on ingredients]

Mixture/Substance selection:

Mixture

Ingredient name	CAS No.	Content (%)
Polypropylene	9003-07-0	99 - 99.5
Ethylene/propylene copolymer	9010-79-1	
Propylene/butene copolymer	29160-13-2	
Ethylene/propylene/butene copolymer	25895-47-0	
Inorganic filler	-	0.5 - 1
Carbon black	1333-86-4	

Note : The figures shown above are not the specifications of the product.

[4. First-aid measures]

Descriptions of first-aid measures

IF INHALED (Dust and waste generated in the working process)

Blow your nose, gargle, and rinse mouth and throat.

Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair) (Dust and waste generated in the working process)

Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

IF IN EYES (Dust and waste generated in the working process)

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF SWALLOWED (Dust and waste generated in the working process)

Rinse mouth.

Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Specific information on symptom and effect are unknown.

Indication of any immediate medical attention and special treatment needed

Information on indication of any immediate medical attention and special treatment needed is not available.

[5. Fire-fighting measures]

Extinguishing media

Suitable extinguishing media

In case of fire, use water mist, foam, dry powder, CO2 to extinguish.

Unsuitable extinguishing media

Unsuitable extinguishing media data is not available.

Specific hazards arising from the substance or mixture

Fire may produce irritating, corrosive and/or toxic gases.

Advice for firefighters

Specific fire-fighting measures

Evacuate non-essential personnel to safe area.

Apply water from a safe distance to cool and protect surrounding area.

Extinguish from the windward.

Special protective equipment and precautions for fire-fighters

Wear fire/flame resistant/retardant clothing.

Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.

[6. Accidental release measures]

(In case of leakage of dust/waste generated in the working process)

Personnel precautions, protective equipment and emergency procedures

Keep unauthorized personnel away.

Ventilate area until material pick up is complete.

Wear proper protective equipment.

Be careful not to slip on spilled area.

Environmental precautions

Do not wash away into sewers or waterway.

Avoid raising dust.

Methods and materials for containment and cleaning up

Sweep up, place in a bag and hold for waste disposal.

Preventive measures for secondary accident

Collect spillage.

[7. Handling and storage]

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Avoid breathe dust/fume generated during the working process.

(Protective measures against fire and explosion)

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Take precautionary measures against static discharge.

(Safety treatments)

Avoid contact with the skin. (Dust/fume generated in the working process)

Avoid contact with the eyes. (Dust/fume generated in the working process)

Prevent deposition of dust. (Dust/fume generated in the working process)

Safety Measures

Use only outdoors or in a well-ventilated area.

Use personal protective equipment as required.

Any incompatibilities data is not available.

Advice on general occupational hygiene

Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Storage

Conditions for safe storage

Store in a well-ventilated place.

Keep cool. Protect from sunlight.

Store in a dry place.

(Incompatible storage condition)

Avoid high temperatures, high humidity and sources of ignition (flames, sparks, etc.).

Container and packaging materials for safe handling data is not available.

[8. Exposure controls/personal protection]

Control parameters

Adopted value

(Carbon black)

ACGIH(2010) TWA: 3mg/m³(l) (Bronchitis)

OSHA-PEL

(Carbon black)

TWA: 3.5mg/m³

NIOSH-REL

(Carbon black)

TWA: 3.5mg/m³ (without PAHs); when PAHs are present,

NIOSH considers carbon black to be a potential carcinogen.

See Appendix A, See Appendix C.

Exposure controls

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures

Respiratory protection

Wear respiratory protection.

Hand protection

Wear protective gloves. Recommended material(s): impermeable or chemical resistant rubber

Eye protection

Wear chemical safety goggle.

Skin and body protection

Wear protective clothing.

[9. Physical and Chemical Properties]

Information on basic physical and chemical properties

Physical state: Solid (Block-shaped)

Color: Black

Odor: None

Odor threshold data is not available.

Melting point/Freezing point: Not applicable
Boiling point or initial boiling point: Not applicable
Boiling range data is not available.
Flammability (gases, liquids and solids): Combustible
Lower and upper explosion limit/flammability limit data is not available.
Flash point: (Polypropylene) 340 - 400°C
Auto-ignition temperature: (Polypropylene) 400 - 500°C
Decomposition temperature data is not available.
pH: Not applicable
Kinematic viscosity: Not applicable
Solubility:
 Solubility in water: Insoluble
 Solubility in solvent: Insoluble
n-Octanol/water partition coefficient data is not available.
Vapor pressure: Not applicable
Density and/or relative density data is not available.
Relative vapor density (Air=1): Not applicable
No Particle characteristics data is not available.

[10. Stability and Reactivity]

Reactivity

Reactivity data is not available.

Chemical stability

Stable under normal storage/handling conditions.

Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

Conditions to avoid

Avoid high temperatures, high humidity and sources of ignition (flames, sparks, etc.).

Incompatible materials

Incompatible materials data is not available.

Hazardous decomposition products

Carbon oxides, Hydrocarbons

[11. Toxicological Information]

Information on toxicological effects

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

(Polypropylene)

IARC-Gr.3 : Not Classifiable as a Human Carcinogen

(Carbon black)

IARC-Gr.2B : Possibly carcinogenic to humans

(Carbon black)

ACGIH-A3(2010) : Confirmed Animal Carcinogen with Unknown Relevance to Humans

Teratogenic effects data is not available.

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

[12. Ecological Information]

Ecotoxicity

Ecotoxicity data is not available.

Water solubility

(Carbon black)

none (ICSC, 2010)

Persistence and degradability

Persistence and degradability data is not available.

Bioaccumulative potential

Bioaccumulative potential data is not available.

Mobility in soil

Mobility in soil data is not available.

Other adverse effects

Ozone depleting chemical data is not available.

[13. Disposal considerations]

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Dispose to an authorized waste collection point.

Do not dump into sewers, on the ground or into any body of water.

Contaminated packing

Dispose of container after using the contents completely.

[14. Transport Information]

UN No., UN CLASS

UN No. or ID No.: Not applicable

UN Proper Shipping Name : Not applicable

Class or division (Transport hazard class) : Not applicable

Packing group : Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

Environmental hazards

MARPOL Annex III - Prevention of pollution by harmful substances

Marine pollutants (yes/no) : no

Special precautions for user

Special precautions for user is not applicable.

Maritime transport in bulk according to IMO instruments

Polypropylene

[15. Regulatory Information]

Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemicals listed in TSCA Inventory

Carbon black; Polypropylene; Ethylene/propylene copolymer;

Ethylene/propylene/butene copolymer; Propylene/butene copolymer



This product can expose you to chemicals including carbon black, which is known to the State of California to cause cancer.

For more information go to www.P65Warnings.ca.gov .

Other regulatory information

We are not able to check up the regulatory information with regard to the substances in your country or region, therefore, we request this matter would be filled by your responsibility.
Chemical safety assessment
Advice on safe handling for this product can be found in sections 7 and 8 of this Technical Data Sheet.

[16. Other information]

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN
Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN
IMDG Code, 2018 Edition (Incorporating Amendment 39-18)
IATA Dangerous Goods Regulations (62nd Edition) 2021
2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
2020 TLVs and BEIs. (ACGIH)
Supplier's data/information
Hazard Communication Standard - 2012 (29 CFR 1910.1200)
GESTIS-Stoffdatenbank
Pub Chem (OPEN CHEMISTRY DATABASE)

General Disclaimer

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 14.11.2020) & US Hazard Communication Standard - 2012.

This data sheet was created based on the information we currently have and may be revised according to new information. In addition, the precautions apply only to normal handling, and in the case of special handling, please make adequate countermeasure to maintain your safety.