

MSDS OF POLYVINYL BUTYRAL(PVB)

1. Identification of the Company and the Product

Product Name: Polyvinyl Butyral (PVB)

Manufacturer: Jiangsu Elephchem Holding Limited

NO.1 Yunlongshan Road, Jianye District, Nanjing, China, 210019

admin@elephchem.com

2. Composition/ Information on Ingredients

Chemical name	CAS
Polyvinyl Butyral	63148-65-2
3G8	94-28-0

3. Hazards Description

Inhalation: No more than slightly toxic if inhaled.

Ingestion: No more than slightly toxic if swallowed

Skin Contact: No more than slightly irritating to skin

Eyes Contact: No more than slightly irritation to eyes

4. First-Aid Measures

Inhalation: Immediate first aid is not likely to be required. Seek medical advice if irritation develops

Ingestion: Immediate first aid is not likely to be required. Seek medical advice if irritation develops

Skin Contact: Immediate first aid is not likely to be required. This material can be removed with water

Eyes Contact: Immediate first aid is not likely to be required. This material can be removed with water

5. Fire-Fighting Measures

Flammable properties:

Upper: Not applicable; Lower: Not

applicable Auto ignition temperature:

Not applicable.

Fire: None know

6. Accidental Release Measures

Environmental precautions: None

Methods of cleaning up: In case of spill, sweep, scoop or vacuum and remove. Flush residual spill area with water

7. Handling and Storage

Handling: Handling in accordance with good industrial hygiene safety practices.

These practices include avoiding unnecessary exposure and removal of material from skin and eyes.

Storage: Storage in below 25°C, in a clean and dry place

8. Exposure Control/Personal Protection

Airborne exposure limits: No specific exposure limits has been established.

Personal Protection: This material is not likely to present an airborne exposure concern under normal condition of use. Use approved respiratory protection equipment when Airborne exposure is excessive.

Eyes Protection: Use chemical safety goggles to avoid eye contact.

Skin Protection: Wear protective gloves and clean body-covering clothing.

9. Physical and Chemical Properties

Appearance: Translucent flexible plastic film

Odor: weak odor

Specific Gravity: 1.07

Melting Point: 60-100°C

Boiling Point: Not applicable

Solubility: Insoluble in water

10. Reactivity and Stability

Stability: Stable under ordinary conditions of use and storage

Incompatibilities: strong oxidizers.

Conditions to avoid: Heat, flame, ignition sources, and incompatibles.

11. Toxicological Information

Polyvinyl butyral:

Oral LD₅₀, rat, >10,000mg/kg; practically nontoxic to animals by ingestion.

Dermal LD₅₀, rabbit >7,940mg/kg; practically non toxic after skin application at animal studies Skin irritation: slightly irritating to rabbit skin.

Eye irritation: slightly irritating to rabbit eye.

Carcinogenicity: polyvinyl butyral is not classifiable as to (its) carcinogenicity in humans.



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Reproductive/Developmental effects: no information available.

Repeated exposure: no data.

12. Ecological Information

Ecotoxicity: No information available

Environmental Fate/Biodegradation: No information available

13. Disposal Consideration

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

Dispose of as a non-hazardous solid waste

14. Transportation Information

This product is not classified as dangerous goods according to the international regulations for transport by land, inland waterway, sea and air.

15. Regulatory Information

Chemical inventory

status	TSCA	EC	Japan	Australia
Ingredient/area				
Polyvinyl butyral	Yes	No	Yes	Yes

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