

Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 07/10/2023

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

- **Product Identifier** – Formvar 95/15 Resin (polyvinyl formal)
- **Article Number** - 10835
- **Relevant identified uses of the substances or mixture and uses advised against.**
No further relevant information available.
- **Application of the substance/preparation:** No further relevant information available.
- **Details of the supplier of the safety data sheet**

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2. Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

STOT SE 2

H371

May cause damage to organs.



GHS07

Acute Tox. 4

H302

Harmful if swallowed.

Acute Tox. 4

H312

Harmful in contact with skin.

Acute Tox. 4

H332

Harmful if inhaled.

Skin Irrit. 2

H315

Causes skin irritation.

Label elements

Labelling according to Regulation (EC) No 1272/2008:

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07



GHS08

Signal word: Warning

Hazard statements

H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled

H315 Causes skin irritation

H371 May cause damage to organs

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapors/spray

P280 Wear protective gloves/protective clothing

P301+P312 IF SWALLOWED: Call a poison center/doctor if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

P405 Store locked up

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. Composition/information on ingredients

Chemical characterization: Substances

CAS Number	Description
63450-15-7	Formvar 95/15 Resin

Identification number: 10835

4. First aid measures

Description of first aid measures

General information:

Symptoms of poisoning may occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

No adverse effects are anticipated from inhalation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Call for medical help immediately. Induce vomiting.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

Information for doctor:

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents:

CO₂, powder, alcohol resistant foam or water spray.

Special hazards arising from the substance or mixture. No further relevant information available.

Advice for firefighters

Protective equipment: Positive pressure self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions:

Do not allow product to reach sewage system or any water course.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Handling:

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Information about fire and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage: Store in cool, well ventilated area. Keep away from direct sunlight.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

Special end use(s): No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The lists valid during the making were used as basis.

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product, the substance, the preparation. Due to missing tests no recommendation to the glove material can be given for the product, the preparation, the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

Body Protection: Protective clothing with elasticated cuffs and closed neck.

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance:

Form:	Solid
Color:	White to light yellow
Odor:	Slightly pungent
Odor threshold:	Not determined
pH value:	Not applicable

Change in condition

Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	Undetermined
Flash point:	Not applicable

Flammability:	Product is not flammable
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Self-igniting:	Not determined
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor pressure at 20°C:	Not applicable
Density at 20°C:	1.23 g/cm ³
Relative density:	Not determined
Vapor density:	Not applicable
Evaporation rate:	Not applicable
Solubility in/	
Miscibility with water:	Not determined
Partition coefficient:	Not determined
Viscosity:	
Dynamic:	Not applicable
Kinematic:	Not applicable
Other information:	No further relevant information available

10. Stability and reactivity

Reactivity:

Chemical stability: Stable under normal conditions.

Thermal decomposition / conditions to be avoided:

Heat, sources of ignition, flames.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

Information on toxicological effects

Acute toxicity: Harmful if swallowed, if in contact with skin or if inhaled

Primary irritant effect:

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Irritating to eye.

Sensitization: Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

STOT – single exposure: May cause damage to organs.

STOT – repeated exposure: Based on available data, the classification criteria are not met.

Aspiration exposure: Based on available data, the classification criteria are not met.

12. Ecological information

Toxicity

Aquatic toxicity: 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

Additional ecological information:

General notes:

Water hazard class 1 (German regulation)(Self-assessment): slightly hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13. Disposal considerations

Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Recommendation: Burn in an adequate incinerator or bury in an approved landfill in compliance with applicable regulations.

14. Transport information

UN-Number

ADR, IMDG, IATA Void

UN proper shipping name Not regulated

Transport hazard class(es)

ADR, IMDG, IATA

Class Void

Packing group

ADR, IMDG, IATA Void

Environmental hazards: Not applicable

Special precautions for user: Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable

Transport/Additional information:

ADR

Limited quantities (LQ) Not applicable

UN “Model Regulation”: Not applicable

15. Regulatory information

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

This information is based on our present knowledge and should assist the user with the safe handling of this material when properly applied. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the international Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, bioaccumulative and toxic.

vPvB: Very persistent and very bioaccumulative