



Royal Adhesives Industries

Wood Glue

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

Further product name: Company/undertaking identification

Product Name : Wood Glue

Company name: ROYAL ADHESIVES INDUSTRIES

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2. Hazards identification Classification

This preparation is not classified as dangerous .

No hazards resulting from material as supplied.

Explanation of special hazards for human health and environment

Non hazardous

Non flammable

3. Composition/information on ingredients/ chemical characterization

(Mixture) or preparation –Polyvinyl acetate homo-polymer dispersion

4. First aid measures

General information

Take off contaminated clothing and shoes if necessary.

After inhalation

In the case of inhalation in confined spaces ventilate area abundantly and seek fresh air.

After contact with skin

Wash off with normal soap and water.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible.

Consult a physician if necessary.

Advice to doctor

Treat symptomatically.

Risk of the product entering the lungs on vomiting after ingestion.

5. Fire-fighting measures

Suitable extinguishing media

Use dry chemical, CO₂, water spray or "alcohol" foam.

Extinguishing media which must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases.

In the event of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions

Contaminated surfaces will be extremely slippery. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Environmental precautions

Do not flush into surface water or storm water/ sewer system.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Additional information: *Never return spills in original containers for re-use.*



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7. Handling and storage.

No special precautions required-Use industrial hygienic practice ..

Advice on safe handling

No special protective measures against fire required

Advice on protection against fire and explosion storage

No special handling advice required

Requirements for storage rooms and vessels

No special storage conditions required

Advice on storage compatibility

Store in a cool , ventilated environment under cover .

8. Exposure controls/personal protection

Occupational exposure controls

Regular cleaning of equipment, work area and clothing.

Remove and wash contaminated clothing before re-use.

When using, do not eat, drink or smoke.

Handle in accordance with good industrial hygiene and safety practice.

Protective and hygiene measures

Wear as appropriate: protective gloves

Respiratory protection

Ensure adequate ventilation, especially in confined areas.

Hand protection

Wash with soap and water-preventive skin protection

Eye protection

If splashes are likely to occur, wear: safety glasses

9. Physical and chemical properties general information

Physical state: Thick liquid

Colour : Milky white

Odour : characteristic

pH-Value: 4-6

Boiling point: 100 °C like water

Flash point: not flammable

Flammability *does not ignite- Not applicable*

Explosive properties

Not applicable

Oxidizing properties –n/a

Density: Approx.1, 0 g/cm³

Water solubility: miscible in all proportions

Viscosity / dynamic: Approx 14,000mPa.s

Other information

Auto-ignition temperature :Does not ignite

10. Stability and reactivity

Stability *–stable under recommended conditions of storage .*

Conditions to avoid-*Extremes of temperature and direct sunlight.*

Materials to avoid - *None*

Hazardous reactions- *None*

Hazardous decomposition products

No decomposition if stored and applied as directed.

Additional information : *No hazards deemed to be of major importance*



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11. Toxicological information further information

This product has no known adverse effect on human health.

Acute toxicity : } Long term experience of handling this class of product under industrial conditions

Skin & eye contact: } indicate the absence of any chronic or acute effects .

Carcogenicity : None known

Mutagenicity : None known

Neurotoxicity : None known

Reproductive hazards : None known

12. Ecological information

Ecotoxicity

Information given is based on data on the components and the ecotoxicology of similar products

Do not allow material to contaminate ground water system. Do not flush into surface water or storm water /sewer system.

Aquatic toxicity –fish : low toxicity (<500mg/litre)

Aquatic Toxicity

13. Disposal considerations.

Advice on disposal

Can be land filled or incinerated, when in compliance with the Environmental Protection (Duty of Care) Regulations 1991.

Waste disposal number of waste from residues/unused products

070299 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

Waste disposal number of used product

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

070299

Waste disposal number of contaminated packaging

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

150102

150102

Contaminated packaging

Where possible recycling is preferred to disposal or incineration.

14. Transport information

Land transport (ADR/RID)

Not classified as dangerous in the meaning of transport regulations.

Inland waterways transport

Not classified as dangerous in the meaning of transport regulations.

Marine transport

Not classified as dangerous in the meaning of sea and air transport regulations.

Air transport

Not classified as dangerous in the meaning of sea and air transport regulations.



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15. Regulatory information Labeling

Additional advice on labeling .

The product does not need to be labeled in accordance with EC directives or respective national laws.

National regulatory information

Water contaminating class (D) : 1 - slightly water contaminating

16. Other information *The data for the hazardous data sheet were taken respectively from the last version of the sub-contractor's safety data sheet.*

All reasonable efforts were exercised to compile this MSDS in accordance with ISO requirements .

This MSDS summarizes at the date of issue our best knowledge of the health, safety and environmental hazards information related to the product, and in particular how to safely handle, use, store and transport the product in the workplace. Since Royal Adhesives Industries and its subsidiaries cannot anticipate or control conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review this MSDS in the context of how the user intends to handle, use, store or transport the product in the workplace and beyond, and communicate such information to all relevant parties .If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. We shall not assume any liability for the accuracy or completeness of the information contained herein or any advice given . In such event our liability shall be limited only to direct damages suffered. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. All risk associated with the possession and application of the product passes on delivery.