

Marches Ironmongery D4 Wood Adhesive - Safety Datasheet

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company / undertaking

1.1. Product identifier

Product name Marches Ironmongery D4 Wood Adhesive

Synonyms: trade names Water based Polyvinyl Acetate emulsion

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

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier Marches Architectural Hardware Ltd,
Unit 33 Ddole Road Industrial Estate,
Llandrindod Wells,
Powys LD1 6DF

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865 407333

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC/1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label Elements

Hazard statements NC Not Classified

2.3. Other Hazards

None known.

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

General information In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

Inhalation Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues.

Skin contact	Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known.
Skin contact	No specific symptoms known.
Eye contact	No specific symptoms known.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Warn everybody of potential hazards and evacuate if necessary.
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6.2. Environmental precautions

Environmental precautions	Avoid or minimise the creation of any environmental contamination. Avoid discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with non-combustible, absorbent material.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see section 13. See Section 11 for additional information on health hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

Storage class Unspecified storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment



Eye/face protection Tight-fitting safety glasses.

Hand protection The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material.

Other skin and body protection Wear apron or protective clothing in case of contact. Provide eyewash station and safety shower.

Hygiene measures Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	White/off-white.
Odour	Sweetish.
Odour threshold	Not determined.
pH	pH (concentrated solution): 4-6
Melting point	0°C
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable
Shelf life	For best results use within 12 months from day of delivery.
Flammability (solid, gas)	No.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	18 mm Hg @ 25°C
Vapour density	0.6
Relative density	1.1 @ °C
Bulk density	1.1
Solubility(ies)	Miscible with water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not available.
Viscosity	120-170 poise
Explosive properties	More sensitive to shock than m-dinitrobenzene: No. More sensitive to friction than m- dinitrobenzene: No.
Explosive under the influence of a flame	No
Comments	45% to 48% solids

9.2. Other information

Other information	Not relevant.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No hazardous reactions when stored and handled according to prescribed instructions. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with acids.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or products vapours. Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation Not relevant.

Ingestion No specific symptoms known.

Skin contact No specific symptoms known.

Eye contact No specific symptoms known.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity – microorganisms Not determined.

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bio accumulative potential

Bio accumulative potential	The product is not bioaccumulating.
Partition coefficient	Not applicable.

12.4. Mobility in soil

Mobility	Mobile.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB	This product does not contain any substances classified as PBT or vPvB. assessment.
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12.6. Other adverse effects

Other adverse effects	None known.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716). EH40/2005 Workplace exposure limits. Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended).

13.2 Environmental hazards

Environmentally hazardous substance/marine pollutant	No.
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13.3. Special precautions for user

Not applicable.

14. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
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EU legislation	COMMISSION REGULATION (EU) 2015/830 of 28 May 2015. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
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Guidance

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
Approved Classification and Labelling Guide (Sixth edition) L131.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of
18 December 2006 concerning the Registration, Evaluation, Authorisation and
Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

Not applicable.

SECTION 16: Other information

Revision comments NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued by HS&E Manager.

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Marches Ironmongery D4 Wood Glue

SDS number 40629

SDS status Approved.