

Safety Data Sheet

TRADEBOND WA40



1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: Tradebond WA40

INTENDED USE: Water Based Adhesive

SUPPLIER: Trade Grade Products Ltd
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Three Legged Cross
Wimborne, Dorset
BH21 6SX

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2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008/EC (CLP)

Not a hazardous substance or preparation according to Regulation 1272/2008 (CLP)

2.2. Label elements

Not required

2.3 Other Hazards

The mixture does not meet the criteria for PBT / vPvB according to REACH, Annex XIII

Statements of hazard Frequent contact can lead to skin and eye irritation, especially if product is allowed to dry out. Observe the usual precautions when handling chemicals.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization Water-borne polymer emulsion. Basis: Vinyl acetate Contains film-forming helping agents

3.1. Substances

not applicable

3.2. Mixtures

see Chemical characterization

4 FIRST AID MEASURES

4.1. Description of first aid measures

General Information Remove contaminated, soaked clothing immediately and dispose of safely.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Skin Wash off with soap and water. If symptoms persist, call a physician.

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

Ingestion If swallowed, seek medical advice immediately and show this container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

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

Main symptoms None known.

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

Treat symptomatically.

5 FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide (CO₂), Water spray

Extinguishing media which must not be used for safety reasons

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

5.2. Special hazards arising from the substance or mixture

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Under conditions giving incomplete combustion, hazardous gases produced may consist of:

Carbon monoxide

Carbon dioxide (CO₂)

Combustion gases of organic materials must in principle be graded as inhalation poisons.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for fire-fighting if necessary.

Environmental precautions

Dike and collect water used to fight fire.

Other Information

This is a water-based product and presents no particular fire or explosion hazard.

6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Contaminated surfaces will be extremely slippery. Avoid contact with the skin and the eyes.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable closed containers for disposal. Contaminated equipment (brushes, rags) must be cleaned immediately with water. Dispose of in accordance with local regulations.

6.4. Reference to other sections

Consider the information for "Personal Protection" in chapter 8 of this Safety Data Sheet.

7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Hygiene measures

Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use.

Advice on safe handling

Product may contain hazardous volatile ingredients which could accumulate in the unvented headspace of drums or containers. Open containers in ventilated area. Do not breathe vapour. During longer storage small amounts of carbon monoxide may form. To the best of our knowledge, no OEL (occupational exposure limit) is exceeded during the intended use. Containers/tanks may only be entered after thoroughly executed ventilation while considering national regulations and international standards for inspection of containers/tanks. In any case of doubt a measurement of the CO concentration is necessary.

Incompatible products

Materials that react with water.

Protection - fire and explosion:

No special protective measures against fire required.

Reduce the release of the substance or mixture to the environment

See Section 8: Environmental exposure controls

7.2. Conditions for safe storage, including any incompatibilities

Material storage

Protect from frost. To maintain product quality, do not store in heat or direct sunlight. Keep at temperatures between 5°C and 35°C (40°F and 95°F). Agitate before use. Keep tightly closed in a dry and cool place.

Incompatible products

Materials that react with water.

Technical measures/Storage conditions

Keep tightly closed in a dry and cool place. No special technical protective measures required.

7.3. Specific end use(s)

None known

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

EC Exposure Limit Values

No exposure limits established.

DNELs The product is exempt from REACH registration

PNECs The product is exempt from REACH registration

8.2. Exposure controls

Engineering measures Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal protective equipment

General advice Avoid contact with skin and eyes.

Hygiene measures Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Take off all contaminated clothing immediately Wash contaminated clothing before re-use.

Eye protection safety glasses.

Hand protection Chemicals resistant gloves.

Suitable material rubber gloves.

Type Nitrile (Company KCL) or comparable article; or refer to glove manufacturer's recommendation

Evaluation according to EN 374: level 6

Material thickness approx. 0.1 / 0.4 mm

Break through time > 480 min

Environmental exposure controls

Do not discharge into the drains/surface waters/groundwater.

Environmental Precautions

Should not be released into the environment.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Form liquid

Color white

Odor sweet

Melting point/range ~ 0°C

Boiling point/range ~ 100°C

Density 1.03 - 1.13 g/ml @ 25°C

Method ISO 2811-3

pH 2.8 - 3.6

Method ISO 976

Viscosity 9000 - 15000 mPa.s @ 25°C

Solids Content % 48-50%

Method Brookfield Visc. RVT Sp. 6 / 20 r.p.m.

Vapor pressure 24 hPa @ 20°C

Water solubility miscible

9.2. Other information The product was not tested for properties not listed on the MSDS.

10 STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical Stability

No decomposition if stored and applied as directed. This cross-linked polymer will release formaldehyde in application processes involving the use of greater than 100°C (212°F).

10.3. Possibility of hazardous reactions

No hazards to be especially mentioned.

10.4. Conditions to avoid

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Do not freeze.

10.5. Incompatible Materials

Materials that react with water.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

12 ECOLOGICAL INFORMATION

Ecotoxicological data are not available. According to experience, the material has no harmful effect on the environment.

13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product information Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal. Diluted solution may be introduced into a biological purification plant, with permission of the responsible authorities.

Uncleaned empty packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Regulations concerning reuse or disposal of used packaging materials must be observed..

European Waste Catalogue Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

14 TRANSPORT INFORMATION

ADR/RID Not regulated

ADN Not regulated

ICAO/IATA Not restricted

IMDG Not regulated

15 REGULATORY INFORMATION

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

Water Hazard Class (WGK):

WGK Class 1

WGK Source Classification based on addendum 4 (VwVwS)

15.2 Chemical Safety Assessment

Chemical Safety Assessment (CSA) is not required.

16 OTHER INFORMATION

Other Information:

- Traces of residual monomers can be found in the product: Vinyl acetate

Abbreviation and Acronym:

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

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

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CLP = Classification, Labelling and Packaging

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

(IMO)

ICAO = International Civil Aviation Organization

IMDG = International Maritime Code for Dangerous Goods

LC50 = Lethal Concentration

LD50 = Lethal Dose

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RCR = Risk Characterization Ratio

RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

R-Phrases = Risk Phrases

S-Phrases = Safety Phrases

Legal disclaimer:

The information contained in this Data Sheet does not constitute the user's own assessment of work place risks as required by other health and safety legislation. As the specific conditions of use of the product are outside the suppliers control the user is responsible for ensuring that the requirements of the relevant legislation are complied with. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.