



birch sports surfaces limited

SAFETY DATA SHEET ACRYLIC COURT BINDER

1. IDENTIFICATION OF THE PRODUCT:

Product name: Court Binder
Description of the product: White liquid
Use: Acrylic binder for application by spray, roller or brush
Supplier: Birch Sports Surfaces Limited, 7 Launde Park, Market Harborough.
(01858) 419900. www.tenniscourtpaint.co.uk

2. HAZARDS IDENTIFICATION:

Not regarded as hazardous under current legislation

3. COMPOSITION/INFORMATION ON INGREDIENTS

4. FIRST-AID MEASURES

GENERAL: In all cases of doubt or where symptoms persist, seek medical attention. Do not give anything to drink to an unconscious person

INHALATION: Remove victim from source of exposure. Provide fresh air, warmth and rest. Get medical attention if discomfort continues. If unconscious, place in recovery position and seek medical advice

SKIN CONTACT: Remove from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. DO NOT USE SOLVENTS OR THINNERS

INGESTION: DO NOT induce vomiting. Get medical attention immediately if accidentally swallowed. Keep at rest.

EYE CONTACT: Remove contact lenses. Rinse thoroughly with clean, fresh water for at least 10 minutes. Seek medical attention

5. FIRE-FIGHTING MEASURES:

The liquid product is non-flammable. If heated then toxic/corrosive gases may be formed. Exposure to decomposition products may be a hazard to health

EXTINGUISHING MEDIA: Recommended media - Foam, CO₂, Powder, water mist/fog.

Not to be used – water jet

RECOMMENDATIONS: Avoid breathing fire vapours. Cool containers exposed to flames with water spray. Do not allow run-off to enter drains or watercourses

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTIONS: Avoid inhalation of vapours and ensure adequate ventilation. Exclude non-essential personnel. Wear protective clothing (see section 8). Turn leaking containers leak-side up to minimise spillage

ENVIRONMENTAL PRECAUTIONS: Avoid discharge into drains or watercourses. Contain and collect spillages with sand, vermiculite or other suitable material, and place in a suitable container for disposal in accordance with waste regulations. Any discharges into watercourses, streams, rivers, lakes must be notified immediately to the relevant environmental agency. Any discharges into drains or sewers must be immediately notified to the local water company.

SPILL CLEAN UP: Contain with absorbent material to prevent from entering drains (e.g.sand, vermiculite, diatomaceous earth). Collect in suitable containers. Do not use solvents.

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7. HANDLING AND STORAGE:

HANDLING: Avoid contact with skin and eyes. Do not eat, drink or smoke when handling product. The Manual Handling Operations Regulations may apply. To assist employers the following method of calculation the weight of any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the product in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

STORAGE: Store upright in closed, original containers. Store between 5°C and 25°C in a well-ventilated area. Prevent unauthorized access. No smoking. Keep away from heat, sparks, or other sources of ignition. Store separately from oxidizing agents, acids and alkalis. Opened containers should be properly resealed. Ensure that contaminated containers and waste are removed from the storage area as soon as possible, and collected in a suitably labeled container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Provide adequate ventilation and minimise inhalation. If this is not sufficient to maintain concentrations of particulates in accordance with Workplace Exposure Limits (WEL), the suitable respiratory protection must be worn. All Personal Protection Equipment (ppe) used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

RESPIRATORY EQUIPMENT: No specific recommendation is made, but respiratory protection may still be required when excessive air contamination exists.

HAND PROTECTION: If there is risk of skin contact then use suitable protective gloves. Advice should be sought from the glove suppliers on appropriate gloves, and their recommendations regarding use, and replacement must be followed. Barrier creams can be used, but do not prevent absorption through the skin.

EYE PROTECTION: Eye protection designed to protect against liquid splashes should be worn.

SKIN PROTECTION: Wear appropriate clothing to prevent skin contact. Cotton/synthetic overalls are normally sufficient. Always wash your hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Viscous liquid

Colour: White (dries clear)

Odour: Mild

Solubility in water: Miscible

Specific Gravity: 1.05-1.10 @ 20°C

10. STABILITY & REACTIVITY

Stable under normal temperature conditions and the recommended storage conditions in section 7. Avoid heats, flames, and contact with oxidizing agents, acids and alkalis. In a fire, hazardous products such as smoke, carbon dioxide, carbon monoxide and other toxic gases may be produced.

11. TOXICOLOGICAL INFORMATION

No data available on the product itself. No specific health warnings. Low toxicity product. Only large volumes may have adverse impact on human health.

INGESTION: No harmful effects expected in amounts likely to be accidentally ingested

SKIN CONTACT: Dryness of the skin may occur with prolonged contact

EYE CONTACT: Temporary irritation may occur

12. ECOLOGICAL INFORMATION

There is no data available on the product itself. The product is water-soluble and may spread in water systems, so should not be allowed to enter drains or watercourses

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13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Waste product, included emptied containers should be disposed of in accordance with regulations made under the 'Control of Pollution Act' and 'Environmental Protection Act'

14. TRANSPORT INFORMATION

TRANSPORTATION: Always transport in closed containers that are upright, secure and sealed. Ensure that the person transporting the product knows what to do in the event of a spillage. Do not stack more than 2 containers high

GENERAL: This product is not covered by the international regulation on the transport of dangerous goods. Transport to be in accordance with ADR for road, RID for rail, IMDG for sea, IATA for air.

15. REGULATORY INFORMATION

The product is determined as not being dangerous according to CHIP regulations. However the following precautions should be observed:

SAFETY PHRASES:	S2	Keep out of the reach of children
	S23/42	Do not breathe vapour/spray. Wear suitable respiratory protective equipment
	S24/25	Avoid contact with skin and eyes
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S28	After contact with skin, wash immediately with plenty of soap and water or a recognized skin cleaner
	S51	Use only in well-ventilated areas

16. OTHER INFORMATION

REFERENCE DOCUMENTS: The Control of Substances Hazardous to Health Regulations 2002. Control of Pollution Act 1974. Workplace Exposure Limits 2005 EH40 . Health and Safety at Work Act (as Amended) 1974. The Manual Handling Regulations 1992. Hazardous Waste (England and Wales) Regulations. Personal Protective Equipment at Work Regulations 1992. International Rail/Road Transport – RID/ADR (Current Editions). Air Navigation (Dangerous Goods) Regulations.

GUIDANCE NOTES:

BRITISH STANDARDS: EN240 – General Requirements for Gloves. EN166 – Personal Eye Protection. BS2092 – Eye Protection for Industrial and non-Industrial Users. BS4275 – Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment

HSE GUIDANCE NOTES: EH40 Workplace Exposure Limits. L23 – Manual Handling:Guidance on Regulations. HS(G)193 – COSHH Essentials: easy steps to control chemicals. HS(G)53 – The Selection, Use and Maintenance of RPE

This information relates only to this specific material and may not be valid for this material used in combination with other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable. However no warranty or guarantee is made to its completeness, accuracy or reliability, and it is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. The provisions of the Health and Safety at Work Act, and Control of Substances Hazardous to Health Regulations apply to the use of this product at work. It is the user's responsibility to assess workplace risks as required by current legislation.