



POLYCELL BORDER ADHESIVE

PTP02

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NUMBER: 041-2541

PRODUCT NAME: Polycell Border Adhesive

Supplied by: ICI Polycell Trade,
ICI Paints,
Wexham Road,
Slough,
SL2 5DS
Tel: 0870 242 1100

Emergency Telephone: Slough (01753) 550000

INTENDED USE

Polycell Border Adhesive is intended for use in the process of repairing, preparing or decorating building surfaces, as directed on the container.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Certain ingredients, having recognised health effects, may be present at concentrations above the exemption limits (0.1% for toxic materials and 1% for all others). These are:

| <u>CAS No.</u> | <u>HAZARDOUS INGREDIENTS</u> | <u>%</u> | <u>SYMBOLS</u> | <u>HEALTH R PHRASES</u> |
|----------------|--------------------------------|----------|----------------|-------------------------|
| 26530-20-1 | 2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE | 0.040 | TN | R22,23/24,34,43,50/53 |
| 55965-84-9 | ISOTHIAZOLINONE BIOCIDES | 0.004 | TCN | R23/24/25,34,43,50 |

Note: The text for R phrase codes shown above (if any) is given in section 16.

3. HAZARDS IDENTIFICATION

This product has been assessed under the Dangerous Preparations Directive (88/379/EEC) and is classified as follows:

NOT CLASSIFIED

Information on Occupational Exposure Limits is given in Section 8.

4. FIRST-AID MEASURES

In all cases of doubt, or where symptoms persist, seek medical attention.

INHALATION:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice.

EYE CONTACT:

Irrigate copiously with clean, fresh water for at least 10 minutes, holding lids apart. Seek medical advice.

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SKIN CONTACT:

Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleanser. Do not use solvents or thinners. Seek medical advice if symptoms persist.

INGESTION:

If accidentally swallowed, DO NOT INDUCE VOMITING. Keep at rest and obtain medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Recommended - alcohol resistant foam, CO₂, powders.

Not to be used - waterjet.

Recommendations:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Firefighters should wear self-contained breathing apparatus. Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire-fighting to enter drains or water-courses.

6. ACCIDENTAL RELEASE MEASURES

Refer to protection measures listed in section 8. Avoid breathing dust or vapours and ventilate the area. Contain and collect spillage with non-combustible absorbent materials. e.g. sand, earth, vermiculite or diatomaceous earth, and place in a container for disposal according to the local regulations (See section 13). Do not allow to enter drains or watercourses.

Clean preferably with a detergent, avoid use of solvents. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING CONDITIONS:

Avoid contact with the skin and eyes. Smoking, eating and drinking should be prohibited in the work area.

STORAGE CONDITIONS:

Store in a cool, dry, well ventilated place and keep container tightly closed.

Water-borne products must be protected from frost and extremes of temperature.

The principles contained in the HSE guidance note Storage of Packaged Dangerous Substances, should be observed when storing this product. Store separately from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| HAZARDOUS INGREDIENT | LTEL (8hr TWA) | | STEL | | Notes |
|--------------------------------|----------------|-------------------|------|-------------------|-------|
| | ppm | mg/m ³ | ppm | mg/m ³ | |
| 2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE | | 0.2 | | 0.6 | SUP |
| ISOTHIAZOLINONE BIOCID | | 0.076 | | 0.23 | SUP |

- OEL - Occupational Exposure Limits (HSE Guidance Note EH40)
- OES - Occupational Exposure Standard
- MEL - Maximum Exposure Limit
- SUP - Manufacturer's recommended Limit
- LTEL - Long-term Exposure Limit. TWA - Time weighted Average
- STEL - Short term Exposure Limit (15mins)
- sk - Risk of absorption through unbroken skin
- sen - Respiratory sensitiser
- Pb - Figure quoted as Lead
- Cr - Figure quoted as Cr VI
- rd - Figure quoted is for Respirable dust
- id - Figure quoted is for Inhalable dust

Further guidance on OELs and assessment of occupational exposure to harmful materials (including mixed exposures) is given in HSE Guidance Note EH40.

RESPIRATORY PROTECTION:

Avoid the inhalation of vapour, particulates and spray mist. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and solvent vapour below the occupational exposure limit, respiratory protection must be worn.

The selection of respiratory equipment should be in accordance with BS 4275. Recommendations for the selection, use and maintenance of Respiratory Equipment, and the current certificates of approval are issued annually by the Health and Safety Executive.

When spray applying water-based paints suitable respiratory equipment should be worn that will protect against atomised paint and paint droplets.

HAND PROTECTION:

Wear suitable gloves for protection against materials in section 2.

EYE PROTECTION:

Wear suitable eye protection to BS 2092.

SKIN PROTECTION:

Wear appropriate protective clothing. Barrier creams may help to protect exposed areas of skin but are not a substitute for full physical protection.

FLATTING:

Protective gloves should be worn to avoid the risk of skin irritation. When surfaces are to be prepared for painting, account should be taken of the age of the property and the possibility that lead pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause health effects. As a working rule you should assume that this will be the case if the age of the property is pre 1960.

Where possible wet flattening or chemical stripping methods should be used with surfaces of this type to avoid the creation of dust. When dry flattening cannot be avoided, and effective local exhaust ventilation is not available, it is recommended that a dust respirator is worn, that is approved for use with lead dusts, and its type selected on the basis of the occupational hygiene (COSHH) assessment, taking into account the occupational hygiene exposure standard for lead in air. Furthermore, steps should be taken to ensure containment of the dusts created, and that all practicable measures are taken to clean up thoroughly all deposits of dusts in and around the affected area.

The Code of Practice for the Control of Lead at Work (ref: ISBN 0 11 883780 X 1985) should be consulted for advice on protective clothing and personal hygiene precautions.

Care should also be taken to exclude visitors, members of the household and especially children from the affected area, during the actual work and the subsequent clean up operations.

All scrapings, dust, etc. should be disposed of by the professional painting contractor as Special (Hazardous) Waste, with the relevant documentation under the Control of Pollution (Special Waste Regulations) 1980, The Environmental Protection (Duty of Care) Regulations 1991, The Controlled Waste Registration of Carriers and Seizure of Vehicles Regulations 1991 and the Controlled Waste Regulations 1992.

Extra precautions will need to be taken when burning off old lead based paints (See above - "Flattening" for relevance to work on older property, i.e. pre 1960) as fumes containing lead will be produced.

It is recommended that a respirator, approved for use with particulate fumes of lead is selected on the basis of the occupational hygiene (COSHH) assessment, taking into account the occupational hygiene exposure standard for lead in air. Similar precautions to those given above under the Flattening section should be taken with reference to protective clothing, disposal of scrapings and dusts, and exclusion of other personnel and especially children from the building during actual work and the subsequent clean up operations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Paste
Specific gravity : 1.03 g/cm³ Flash point: NON-FLASH
Water miscible : YES pH: 6.0-8.0
Product Colour : white
Product Odour : neutral

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

Extremes of temperature.

MATERIALS TO AVOID:

Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS:

When exposed to high temperatures may produce hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

There is no experimental data available on the product itself. However, it has been assessed according to the Preparations Directive (88/379/EEC) and classified for toxicological hazards. See Section 15 for these details, including associated risk and safety phrases.

Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

12. ECOLOGICAL INFORMATION

There is no specific data available on the product itself. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Products classified as Marine Pollutants are indicated as such under Transport (section 14).

Substances which are classified as Dangerous for the Environment are indicated below:

2-N-OCTYL-4-ISOTHIAZOLIN-3-ONE:

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ISOTHIAZOLINONE BIOCIDES:

Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Waste material and containers must be treated as a fire hazard and disposed of in accordance with the general requirements of the Control of Pollution Act 1974.

The 1990 Environmental Protection Act introduces new controls on the disposal or depositing of waste. Due regard should be given to the "duty of care" required under the regulations and the guidance given under this act.

14. TRANSPORT INFORMATION

UN number : 0000 Packing group: EXEMPT
ADR/RID Class : EXEMPT Item: EXEMPT ICI Tremcard: EXEMPT
IMDG Class : EXEMPT MFAG: EXEMPT EMS: EXEMPT
Hazard label(s) : NONE

15. REGULATORY INFORMATION

NAMED SUBSTANCES:

Nil

HAZARD CLASSIFICATION:

NOT CLASSIFIED

WARNING LABEL PHRASES:

S2 Keep out of reach of children.
S7 Keep container tightly closed.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29 Do not empty into drains.

16. OTHER INFORMATION

TEXT FOR R PHRASES SHOWN IN SECTION 2 DESCRIBING EACH INGREDIENT:

R22 Harmful if swallowed
R23/24 Toxic by inhalation and in contact with skin
R23/24/24 Toxic by inhalation, in contact with skin and if swallowed
R34 Causes burns
R43 May cause sensitisation by skin contact
R50 Very toxic to aquatic organisms
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The information given in this data sheet is required pursuant to EC Directive 88/379/EEC.

Other Reference:

The Control of Substances Hazardous to Health Regulations 1994 (SI 1994:3246), and amendment Regulations 1996 (SI 1996:3138).

The information on this sheet is not a specification: it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.

We will be pleased to answer any specific enquiries regarding the safe use, storage and handling of our product. Contact :

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