

BlockOut

Surface Applications:
Fire Reclamation
Wood
Plywood
Hardboard
Plasterboard
Particle Board
Formica
Tiles

*Not Recommended for High pH applications such as Masonry or galvanized metal.
Internal use only.*

Features and Benefits:
Quick Dry

Ready to apply-
No thinning
Interior use

White colour (Tintable)

Alkyd or Water Based
Topcoats

Seals and protects like
both an Alkyd and a
Shellac.

Excellent hold out and
Good Brushability

Excellent surface for
repainting

Apply by brush, roll or
spray.

Odour Killer

Zamix®

When ordinary primer/sealers are not enough!

Product Description:

Zamix BlockOut sealer is a fast drying solvent based stain and odour killer as well as primer / sealer. It has excellent sealing and helps condition the surface to give extra long life to the finish coat. It is a product that duplicates the sealing properties of both an Alkyd sealer and shellac and can be used for interior applications. It can also be used to seal smoke damage and odour in fire reclamation or restoration work.

Packaging Data:

	Zamix BlockOut
355ml. (Aerosol)	12 per carton
875ml	6 per carton
3.5 Litre	4 per carton

Product Preparation: This product is ready to apply from the can. No thinning is required. If tinting is desired, use universal tinting colours. Do not exceed 55g of tint per 3.5 Litre. Shake or mix well before using, they may require extra time on the shaker.

Surface Preparation: Careful surface preparation and cleaning is the key to a good result. Be sure the surface is thoroughly clean and dry, free from all grease, wax, oil, polish, loose paint and dirt or rust. Clean with a strong abrasive detergent, rinse well and allow to dry. Rough surface should be sanded smooth. Mouldy or mildewed surfaces should be scrubbed with a mixture of one part of household bleach and three parts of water and then thoroughly rinsed with clean water. (Never mix bleach with detergents – particularly detergents containing ammonia).

How to apply: Use brush, roll or spray. The temperature of the surface and the surrounding air should be 10°C and 40°C. It dries to touch in about 10 minutes under standard conditions (25°C and 50% relative humidity). Thicker coats will take longer to dry. To slow down the drying rate, small amounts of White Spirits can be added. It can be top-coated in 30 minutes. See table below for topcoat recommendations. Full cure is achieved in about 24 to 48 hours.

Note: The drying and curing properties of topcoat paint will vary based on the individual product formulation. The drying and curing properties of the topcoat paints as well as the Zamix BlockOut will vary based on the temperature, humidity, tinting and thickness of film that is applied. We recommend that you read and understand the information concerning drying curing for each product that you use when planning your job. Drying and curing times will affect a number of application factors including sanding time frames, application of the topcoat, touch-up schedules as well as taping and tape removal schedules. We recommend that you determine the time frames required for your particular situation. In all cases we recommend testing a small area for adhesion, sealing and topcoat compatibility before starting the job.

Physical / Chemical Data as supplied:

Weight per Gallon	4.95kg/3.5 Litre
Non-Volatile by weight	65.7 +/- 2.0%
Non volatile by volume	40.2 +/- 2.0%
Viscosity	55 KU
Spreading Rate	8/12 m ² /Litre

Application conditions

Drying schedule for both products:
(ASTM D1640)

VOC:

Gloss (60 deg. Glossmeter)
Topcoat recommended

(10°C to 40°C –Agitate before Use)

To touch 10 minutes @ 25°C and 50% RH

To recoat: 30minutes @ 25°C and 50% RH

To sand 30 to 60 minutes @ 25°C and 50% RH.

Less than 450g/3.5 Litre

Less than 15

Oil / Alkyd or Water based

Caution: Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights and turn off cookers, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build up of vapors. Use only with adequate ventilation Do not breath the vapor or spray mist, use a respirator if necessary. Close container after each use. Avoid contact with skin.

First Aid: If swallowed, do not induce vomiting, In case of eye contact, flush with plenty of water. CALL A PHYSICIAN IMMEDIATELY. Avoid prolonged skin contact. Avoid breathing vapors.

Please see the Material Safety Data Sheet (MSDS) for this product.

Material Safety Data Sheet

Product reference: **Zamix BlockOut**
Date of Issue: 1st October 2001

Revision: 1
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1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product name and /or code : Zamix BlockOut
Intended use : Bonding Primer Sealer

Name : Paintz Ltd
Full address: 26 High Street, Pinner
Middlesex HA5 5PW

Telephone Number : 0208 4290939

Fax Number : 0208 4293283

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of the chemical (hazard information and packaging) regulation 1993, or substances assigned an occupational exposure limit in E40

Name	Conc. Range (%)	Symbol Letter	R-Phrases
White Spirit	>50		

3. HAZARDS IDENTIFICATION FLAMMABLE

4. FIRST AID MEASURES

General : In all cases of doubt, or when symptoms persist, seek medical attention .

Never give anything by mouth to an unconscious person.

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

Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin Contact : Remove contaminated clothing. Wash skin thoroughly with soap and water or use proprietary skin cleaner. DO NOT use solvents or thinners.

Ingestion : If accidentally swallowed obtain immediate attention. Keep at rest. DO NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Recommended: CO₂, foam and dry powder.

Not to be used: Water jet.

Recommendations: Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains of watercourses.

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapors. Refer to protective measures listed in section 7 and 8. Clean up using clay or proprietary oil absorbent, and dispose of in a commercial landfill site. Ensure the floor is adequately cleaned afterwards with hot soapy water and detergent, because of danger of slippery surfaces.

If the product enters drains or sewers, the local Water Company should be contacted immediately. In case of contamination of streams, rivers or lakes, the National Rivers Authority as the oil will cut of the oxygen supply to the aquatic life, by floating on the water.

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7. HANDLING AND STORAGE

Handling

Avoid inhalation of vapor.

For personal protection, See section 8

Never use pressure to empty: the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Good housekeeping standards and regular safe removal of waste materials will minimise risk hazards.

The manual handling operations regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

Storage.

Although the storage of this product is not subject to specific statutory requirements, the principles contained in the

HSE guidance note storage of flammable liquids in containers should be observed. Observe the label precautions.

Store between [5] and [25] oC in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight.

No smoking. Prevent leakage. Store separately from oxidising agents and strongly alkaline and acidic materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Provide adequate ventilation. Where practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulate and / or solvent vapors below the relevant occupational exposure limits, suitable respiratory protective equipment should be worn.

Substance	Occupational exposure limits				Notations
	8hr TW		10min STEL		
White Spirit	ppm	mg/m ³	ppm	mg/m ³	
	100	575	125	720	

Notes:

1. Long term exposure limit – 8 hour time weighted average.
2. Short term exposure limit – 10 minute reference period.
3. "SK" indicates a risk of absorption through the skin; "SEN" indicates a respiratory sensitiser.
4. "OES" indicates an Occupational Exposure Standard: "MEL" indicates a Maximum Exposure Limit..
5. OELs are taken from the current version of EH40, except those marked "SUP" which are assigned by the supplier of the substance.

Personal Protection

All ppe, included rpe, used to control exposure of hazardous substances must be selected to meet the requirements of the COSHH Regulations.

Respiratory Protection

Air-Fed respiratory protective equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational limit and engineering controls and methods cannot reasonably be improved.

Hand Protection

When skin exposure may occur, advise should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection

Eye protection design to protect against liquid splashes should be worn.

Skin protection

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid	
Flash point (o C)	: 13	Method : Closed Cup
Viscosity	:	Method :
Specific gravity	:	
Vapour density	:	
Lower explosion limit	:	
Solubility in water	: Immiscible	

10. STABILITY AND REACTION

Stable under the recommended storage and handling conditions. (See Section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.
Keep away from oxidising agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

There is no data on the product itself.

12. ECOLOGICAL INFORMATION

The product should not be allowed to enter drains or watercourses or to be deposited where it can affect ground or surface waters. If oil enters streams and rivers in large quantities, it will cut off the oxygen to aquatic life.
The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains, watercourses, or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and Environmental Protection Act.
[Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply].

14. TRANSPORT INFORMATION

Transport mode	Details
Domestic Road/Rail	Class : 3 Packaging Group : III Proper Shipping Name : PAINT UN No :1236
Sea	Class : 3 Packing Group : III Proper Shipping Name : PAINT UN No : 1236 Main Risk : FLAMMABLE Sub Risk :
Air	Marine Pollutant : YES EmS : Class :3 Packing Group : III MFAG: Proper Shipping name : PAINT UN (or IATA) No : 1236 Main Risk : Flammable Sub Risk:

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15. REGULATORY INFORMATION.

The product is classified and labeled for supply in accordance with the Chemicals (Hazard Information and Packaging) Regulations as follows:

FLAMMABLE

**KEEP OUT OF REACH OF CHILDREN.
USE ONLY INWELL VENTILATED AREAS**

MARINE POLLUTANT (IMDG CLASSIFICATION)

The information contained in this safety sheet does not constitute the user's own assessment of workplace risks as are required by other health and safety legislation.

The provisions of Health and Safety at work etc. Act and the control of substances Hazardous to the Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION.

Text of R phrases in Section 2

R No.	Phrase
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The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:

The control of substances Hazardous to Health Regulations 1988(SI 1988: 1657),

The Manual Handling Operations Regulations 1992 (SI 1998: 2793)

Storage of Flammable Liquids in Containers, HS (G) 51

Storage of Packaged Dangerous Substances. HS(G)71

The Environmental protection (Duty of Care) Regulations 1992(SI 1992: 2839).
