

Zhuoan® IFR300

flame retardant for textile

PRODUCT DESCRIPTION A single component, borate and chlorine free, water borne intumescent coating designed for on-site application to structural steel, cable and, decorative material requiring protection from cellulosic fire.

Zhuoan® IFR300 is a low VOC acrylic intumescent material independently fire tested in accordance with BS 476 parts 20-22.

MAINLY FEATURES

1. Only a lower dosage, achieving high flame retardancy
2. Good wash ability: keeping excellent flame retardant performance after repeated washing
3. The strength of the processed fabric is basically unaffected
4. Low volatility, non-toxic, safe to use

INTENDED USES To provide up to two hours cellulosic fire protection on beams, columns and hollow sections exposed in interior and exterior environments, included but not limited in:

1. Applying to the field for fabric, rubber and fiber industry.
 2. Fire-retardant carpet, flame-retardant sofa fabric, flame-retardant polyester fabric
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PRACTICAL INFORMATION

Brand	ZOAN	Classification	Chemical Auxiliary Agent	Model number	IFR300
Purity	99.9%	Place of origin	Sichuan,China	Usage	Fireproofing in fabric,rubber and fiber industry.
Appearance	White powder	Features	Eco-friendly,low cost	Samples time	Free 3-5 days

REGULATORY DATA

No.	inspection project	technical requirements
1	Moisture	≤0.8%
2	Fineness(800 mesh)	≥95%
3	Bulk density	≤0.8 g/ml
4	Nitrogen (N)	≥9.8%
5	Phosphorus (P)	≥11.0%

APPLICATIONS As an raw of material,it is added to painting industry by related ratio,such as,(steel structure, cable and,PP,PEO flame retardant coating ,decorative flame retardant coating.

REFERENCE FORMULA

ZOAN300 flame retardant for textile, which is aqueous dispersion. Using acrylic emulsion, pure acrylic emulsion, EVC emulsion, etc. as a binder, applying to the surface of the textile according to the flame retardant: binder 0.3-0.4:1, and drying at 150 degrees Celsius for 2 minutes

SYSTEMS 列出可以兼容的油漆涂料的牌号等信息

COMPATIBILITY

SAFETY This product is intended for use only by professional applicators in industrial situations in

PRECAUTIONS accordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet(MSDS) which International Protective Coatings has provided to its customers.

All work involving the application and use of this product should be performed in compliance with all relevant national, Health, Safety&Environmental standards and regulations.

In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipment and adequate local exhaust ventilation.

If in doubt regarding the suitability of use of this product, consult International Protective Coatings for further advice

PACKAGE& woven PE bag,

SHIPPING 25kg / bag,
18bags/pallet,

STORAGE 12 months minimum at 25°C(77°F). Subject to re-inspection thereafter. Store in dry, shaded conditions away from sources of heat and ignition.
