

NATIONAL FIRE RETARDANT CLEAR

DESCRIPTION	A solvent synthetic resin base Fire Retardant Clear specially developed to give a clear transparent finish which when applied protects the surface from fire.
RECOMMENDED USE	Suitable for use on wood and other surfaces making it fire retardant by resisting the fire for a prolonged period.

TECHNICAL INFORMATION

Colors	Clear, Transparent.
Finish	Semigloss.
Solid by Volume %	37 % ± 2
Theoretical Spreading Rate	4 m ² /Lit.
Specific Gravity	0.94 ± 0.05
Drying Time	Touch Dry: 1 - 2 hrs. Recoat Interval: 10 - 12 hrs. Hard Dry: 24 hrs. Temperature, humidity, air movement, film thickness and number of coats will all affect the drying time.
Fire Resistance	Direct : 600°C: 30 min. Indirect : 600°C: 1 hrs.
Flash Point	32°C

SURFACE PREPARATION

Surface should be thoroughly cleaned, dry.		
(1) Apply first thin coat National Fire Retardant Paint	:	2 - 3 coats
(2) Apply second coat National Fire Retardant Clear	:	1 coat
OR		
(3) Apply National Fire Retardant Clear	:	3 coats

APPLICATION DATA

Application Methods	Brush, Roller or Spray.
Thinning (Max. Vol.)	5 - 10% by National Thinner No.110 .
Film Thickness	(D.F.T.) 100 microns. (W.F.T.) 270 microns.
Guiding Data for Airless Spray	Nozzle Orifice: 0.0017" Nozzle Pressure: 2200 P.S.I.

MISCELLANEOUS DATA

STORAGE	The product must be stored according to National Regulations. The product should be kept in a cool and well ventilated place, protected from heat and direct sunlight at temp 5-35°C. Containers must be kept tightly closed.
HANDLING	Handle with care, mix well before use.
SHELF LIFE	18 months.
SAFETY / HEALTH	- Ensure good ventilation during application and drying. - Avoid contact with skin and eyes. While painting it is advisable to wear eye protector. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. To remove splashes from skin; use soap and water or a recognized skin cleaner. - Keep out of reach of children.
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NOTE: We warranty the quality of our product and this data sheet represents test results and practical experience obtained under controlled conditions. We reserve the right to change data without prior notice.