



SafeCoat[®] 725 Sealer/Overcoat

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PRODUCT DESCRIPTION

SafeCoat 725 is a dual purpose coating for use as a topcoat for intumescent coatings and as a wood sealer prior to application of intumescent coatings. As a topcoat it provides a tough scrubable surface that dries to a clear satin finish and also to provide protection from atmospheric moisture (other finishes available on special request). **SafeCoat 725** is a solution vinyl in toluene and isopropyl alcohol. As an overcoat, **SafeCoat 725** dries to a clear satin finish. Gloss and semi-gloss finishes are available by special order.

***SafeCoat 725** is not a fire retardant. It is used with intumescent fire retardant coatings and does not inhibit the fire retardant properties.

FEATURES

- an alcohol-solution based vinyl which has excellent properties required for a topcoat.
- provides good holdout, inter-coat adhesion, moisture resistance, flexibility, toughness and impact resistance to the coating system.
- dries quickly.
- alcohol based which allows equipment and tools to be readily cleaned by most alcohols, including methyl alcohol and isopropyl alcohol.
- may be applied by brush or airless spray, the latter providing the optimum results.
- available in a range of sheen levels.

USES

- Use as an overcoat for **SafeCoat Latex** where a higher gloss and improved scrubability is desirable.
- Must be used both before and after applying **SafeCoat 747 Clear**. **SafeCoat 725** protects the wood substrate against color changes or fading caused by light and the **747** and protects **SafeCoat 747** from humidity and moisture.
- Excellent as a stain blocker on OSB and ceiling tiles.

TECHNICAL DATA and PROPERTIES

Appearance	Clear free flowing liquid
Finish	Satin finish
Specific Gravity	7.17 lbs/USG or 0.86 g/mL
Solids by Weight	10%
Solids by Volume	7%
VOC	759.1 g/l 6.33 lbs/USG
Dry Time	Touch: 15 to 30 minutes Recoat: 30 minutes to 1 hour Full cure: 24 hours
Coverage	340 ft ² /USG or 8.4 m ² /L (per coat)
Flash Point	50° F Closed Cup (approximately)
Storage Limits	Store in cool well ventilated location. Store in tightly sealed container and keep away from all sources of ignition. Keep container closed when not in use.
Shelf Life	24 months
Packaging	Available in one, five and fifty US Gallon quantities.

INSTRUCTIONS FOR USE

Surface Preparation:

All surface preparation should be carried out in accordance with good painting practices. Remove all loose, peeling or powdery paint from the surface. All dirt, grease, oil, wax and other foreign material must be removed with a suitable cleaner and allowed to thoroughly dry. Repair all cracks, holes and surface imperfections. All smooth or glossy surfaces should be dulled with sandpaper.

Application:

Brush: Use as supplied. For large areas, an addition of approximately 10% **SafeCoat 725 Reducer** will help maintain a wet edge.

Roller: Not recommended. (entrains micro-foam /bubbles into the coating)

Spray: Airless spray is the recommended method. Equipment should be capable of producing at least 1500 PSI. Tip size of 13 thousandths is most suitable. Use of 10-20% **SafeCoat 725 Reducer** is recommended to reduce dry spray. Conventional spray equipment is not recommended as the atomization air tends to produce dry spray or cobweb formation. If the use of conventional equipment is desired, addition of 20% **SafeCoat 725 Reducer** may be evaluated to determine suitability. *Always test spray equipment on a sample area prior to use.*

- **Shake well** before and periodically during use (as the flattening agents will settle). Regardless of the topcoat final finish, satin finish must always be used as the first (sealer) coat.
- Ensure that the **equipment is completely free of water** by running either methanol or isopropyl alcohol through the system prior to spraying **SafeCoat 725**.
- **Surface and ambient temperature must be at least 50° F** during application and remain so for at least 48 hours following. One coat is normally required to achieve a coverage rate of 340 ft²/USG. When used as a wood sealer allow 1 to 2 hours dry time before application of **SafeCoat 747 Clear Varnish Fire Retardant**. When used as an overcoat for **SafeCoat 747 Clear Varnish Fire Retardant**, allow the final coat of **SafeCoat 747 Clear to dry for at least 24 hours** before overcoat is applied. This ensures that water will not be trapped under the **SafeCoat 725 Overcoat**.
- If **thinning** is required for spray application use **SafeCoat 725 Reducer** only. If thinned, the coverage rate must be adjusted to ensure adequate application of active ingredients.

Clean Up:

Clean with an alcohol solvent (isopropyl alcohol, methanol, ethanol) to clean equipment.

Precautions:

Use only under well ventilated conditions. See MSDS for detailed precautions.

NOTE: Do not mix with other products or introduce water into **SafeCoat 725**.

Hazard Class:

WHMIS	B.2, D.1A
TDG	Paint, Class 3, UN 1263, PG II.

IDENTIFICATION and CERTIFICATION

Each container bears a label reading "**Underwriters Laboratories of Canada**" or "**Warnock Hersey Laboratories of Canada - Listed - Fire Retardant Coating**" and "**Class A Thermal Barrier**".

GUARANTEE/WARRANTY

Recommendations for the use of our products are based on tests carried out at government approved labs. Manufacturer and seller are not responsible for results where the product is used under conditions beyond our control. Under no circumstances will Magna Coatings Technology Inc be liable for consequential damages to anyone in excess of the purchase price of the product or services.