APPLICATION INSTRUCTIONS

Surface Preparation:
All surface preparation should be carried out in accordance with good painting practices. Remove all loose, peeling or powdery paint, dirt, grease, oil, wax and other foreign material with a suitable cleaner and allow to thoroughly dry. Repair cracks, holes and surface imperfections and dull smooth or glossy surfaces with sandpaper. To prevent tannin staining, new wood surfaces should be coated with a stain blocking primer. This is particularly recommended when coating Oriented Strand Board (OSB).

Application:
SafeCoat® Latex Fire Retardant Coating can be applied by brush, roller or airless spray. Airless equipment is most desirable. Use Graco Model 450 or larger or other long-stroke piston type units. Alternatives include gravity fed “Hero” or other diaphragm units. Use a 16 to 21 thousand aperture, with a 12” fan for optimum results. Apply uniformly to entire surface. If thinning is required use clean water only and do not exceed 200 mL per gallon. Surface and ambient temperature must be maintained at greater than 50°F (10°C) during application and must remain so for at least 48 hours following the application. SafeCoat® Latex is intended for interior use only. If the coated substrate will be subject to repeated washing or used in an area of constant high humidity >70%, ONE finish coat of a latex paint is required. Testing has shown SafeCoat® Latex, with one topcoat of another Latex paint maintains its Class A Flame Spread Rating. Additional coats have not been tested and therefore cannot be recommended. Before applying any finishing coat consult the manufacturer or their representative.

A wet film thickness gauge can be used at the start of the application to ensure sufficient SafeCoat® Latex has been applied. At an application rate of 150 ft2/USG the wet film thickness should be 10.7 mil and will yield a dry film thickness of 5.0 mil.

To provide an ignition barrier on spray-foam insulation, apply at 80 ft2/USG. If a thermal barrier is required for foam to satisfy fire codes, 3/8” OSB top coated with SafeCoat® Latex will provide both a thermal and ignition barrier. The application of SafeCoat® Latex should be uniform and leave no exposed uncoated surfaces or edges. If the lumber is precoated it should be checked following installation to ensure that construction procedures have not created any exposed uncoated areas. Touch-up any exposed areas with SafeCoat® Latex.

Clean Up:
All application tools can be easily cleaned with water. If product has dried on, use hot soapy water to soften and remove it.

Precautions:
SafeCoat® Latex is not “WHMIS” regulated nor is it subject to the “Transportation of Dangerous Goods Act and Regulations”. See MSDS for additional information.