

TCEQ Coatings Sources

Historical Best Available Control Technology (BACT) Requirements

Fiber Reinforced Plastics and Cultured Marble

This information is maintained by the Mechanical/Coatings Section and is subject to change. Last update 9/2018.

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Cultured Marble	VOC and Exempt Solvents	Use low VOC resin and gelcoat	Minimum of 90% destruction efficiency for catalytic oxidizers and 95% for other thermal combustion devices.
			Use proper ventilation design to minimize styrene odor.	
			Use low vapor pressure cleaning solvents.	
			Keep containers covered when not in use.	
		Collecting and venting VOC to an add-on control device may be required for operations with VOC emissions greater than 80 tpy.		
		PM	Use dry filters in the grinding booths or rooms.	Minimum of 95% control efficiency for dry filters.
	Fiber Reinforced Plastics	VOC and Exempt Solvents	Use low VOC resin and gelcoat.	Airless or high volume low pressure spray equipment, brushes or rollers.
			Use semi-enclosed/enclosed molding process.	
Use high transfer efficiency spray application equipment.				
Use proper ventilation design to minimize styrene odor.				

Year	Source Type	Pollutant	Minimum Acceptable Control	Control Efficiency or Details
2008	Fiber Reinforced Plastics	VOC and Exempt Solvents	Use low vapor pressure cleaning solvents.	
			Keep containers covered when not in use.	
			Collecting and venting VOC to an add-on control device may be required for operations with VOC emissions greater than 80 tpy.	Minimum of 90% destruction efficiency for catalytic oxidizers and 95% for other thermal combustion devices.
		PM	Use dry filters in the grinding booths or rooms.	Minimum of 95% control efficiency for dry filters.