

POLYCAT[®] 204 Catalyst



Description

Polycat 204 catalyst is designed to deliver high-end results when used with a low GWP blowing agent.

Polycat 204 catalyst is specially formulated to provide excellent system stability and fast initial reaction when used with the new HFCO blowing agents in spray foam applications.

Polycat 204 catalyst is a reactive amine catalyst that can reduce foam emissions during spray application as well as while foam is in-service to benefit both contractors and building occupants. It can also help to reduce health concerns associated with "blue haze".

Advantages

- Excellent system stability with HFCO-1233zd
- Fast initial reaction
- Long shelf life
- Non-emissive
- Reduced potential for "blue haze"

Applications

- Spray Foams.
- The recommended use level ranges from 2.0 to 4.5 pph polyol.
- Polycat 204 catalyst may be used with other amine co-catalysts such as Dabco[®] 2039, Dabco[®] 2040, Polycat[®] 12 catalysts, as well as with metal or trimer catalysts such as Dabco[®] T120, Dabco[®] MB20, and Dabco[®] TMR-20 catalysts.

Typical Properties

Appearance	Colorless to light amber liquid
Viscosity at 25 °C, mPa·s ¹	110
Specific Gravity @ 21 °C (g/cm ³)	1.13
Calculated OH#, mgKOH/g	2010 (including water content)
Water Solubility	Soluble

¹ 1 mPa·s = 1 cP

Safety and Handling Information

Safety and handling information is contained in the Polycat 204 Catalyst Material Safety Data Sheet, available upon request from Air Products. Polycat 204 catalyst is registered on TSCA, DSL, and exempt for EINICS.

Storage Information

Air Products recommends that the catalyst containers be stored in a dry and cool area under appropriate ventilation conditions. Each container must be well sealed to avoid contamination with moisture or other negative influences, which could change the product's performance in the end use. Polycat 204 should be stored between 10 °C and 30 °C; below this temperature range the product is prone to solidifying. Should this occur, mixing while gently heating (<60 °C) will make the product homogeneous.

Shelf Life

24 months from the date of manufacture.

tell me more

For samples or more information, please contact us at:

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