

HEATING OF POLY BD® RESINS

Poly bd® resins are viscous liquids that can be heated to reduce viscosity. Procedures on how to safely and effectively heat these products and handle spills are reviewed in this document.

Heating Poly bd® Resins

Prior to heating Poly bd Resin products, please refer to the product SDS for review of health and safety data. This SDS can be found on www.crayvalley.com

Generally, these resins can be safely heated in a hot room or hot box, which is set at a maximum temperature of 60°C (176°F), for a duration no longer than 24 hours. Exceeding these recommendations may compromise product quality and result in self polymerization. Drum caps or bungs should be loosened to avoid over pressurization of drums.

Product should be consumed in its entirety after heating. Heating the product more than once, or exposing the resin to prolonged heat, may result in resin degradation and adversely affect the quality of the product.

If hot boxes are not available to heat these products, a low pressure steam drum heater can be used.

High pressure steam drum heaters and electrical drum and band heaters must NOT be used as localized heating can lead to autopolymerization.

Safety Precautions for Handling Heated Poly bd® Resins

Wear appropriate protective equipment when handling any heated Poly bd ® resin. The products are HOT and will cause burns upon contact with skin or other body tissues. Open heated drums with caution to avoid being splashed or burned by heated resin. It is extremely important to prevent contact with eyes, skin or clothing.

Protective equipment should include: safety glasses with a faceshield, long sleeves, an impervious apron (or jacket) and impervious and insulated gloves.

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If heated resin does come in contact with skin or clothing, do not try to remove it. Flush the area with cool water for 15-20 minutes and obtain emergency medical attention. If hot product splashes in the eye, immediately rinse the eye with cool water for 15-20 minutes and obtain emergency medical attention.

Spills. Limit access to spill area. Ensure adequate ventilation and do not attempt to clean up spill without suitable protective equipment. Prevent flow into sewers/public waters. On land, spilled material may be slippery. Take up liquid spilled in an absorbent material such as sand, earth or vermiculite. Retain recovered product and absorbent for proper disposal. Wash any residue with large amounts of water.

Disposal.

Dispose of the contents and container in accordance with all local, regional, national and international regulations.

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