



Adhesive Systems
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TO: SALES STAFF
FROM: GARY JOHNSON
DATE: November 8th, 2007

To All,

With the winter months upon us we will be facing colder temperatures on shipments from our facility in Frankfort, Illinois. As you know there is a Do Not Freeze statement on our product label for methacrylates. When the products are exposed to cold temperatures the viscosity of these products will increase significantly. However, if these products are returned to an area where the temperature is 72°F or slightly higher the products will return to their normal viscosity. The condition is completely reversible. Use the following information to educate your distributors and customers should they experience any issues related to this situation.

If a product has been exposed to cold temperatures or frozen it will appear:

- > *Higher in viscosity*
- > *Thicker*
- > *Gel to cottage cheese type consistency*

If you identify any of the above conditions

- > *it is important to allow the adhesive to reach room temperature to recover to its original viscosity.*
- > *it will take the adhesive some time to completely reach room temperature throughout the entire packaged container. Use the following information as a guide to accomplish this @ 72°F.*

<i>50 mil kits</i>	<i>1 day</i>
<i>200 mil kits</i>	<i>2-3 days</i>
<i>380 mil/400 mil</i>	<i>2-3 days</i>
<i>kits Pail kits</i>	<i>4-6 days</i>
<i>Drum kits</i>	<i>7-10 days</i>

Do not use any external or internal heating devices. Ovens, jackets, blowers, etc. should never be used. Never use any direct heat, indirect heat, or open flame on flammable materials. By doing any of the things mentioned you will degrade the material and create a safety issue.

In summary any products that have been exposed to cold temperatures should be allowed to recover at room temperature. If you have any questions or require any additional information just contact me.

GOOD SELLING!

Gary