

### High Pressure Accelerator, Part # 50200

**DESCRIPTION:** Rhino Linings® High Pressure Accelerator (HPA) can be used in conjunction with the Rhino 2:1 ratio polyurethane elastomer systems. It speeds up the rate of reaction of the polyurethane elastomer. When sprayed through a RhinoPro™ high pressure machine on vertical or overhead surfaces, HPA will help eliminate sags and drips. The HPA formulation is designed to not effect the overall chemical index. When using a RhinoPro high pressure machine and adding HPA to product lines such as TuffGrip®, HardLine® and Hi-Chem™, these chemistries can flow easily without premature clogging in the mixing tube.

HPA can also be used to speed up material that has passed its shelf life and slowed down beyond the specified gel time for the product. If adding to rejuvenate start by adding .1 part by weight and mixing in. When doing small amounts, it is best to add the HPA to a 5 gallon can of resin and mix in with a drill mixer. Then add mixture to the remaining portion of the drum and finish agitating.

#### TYPICAL USES:

- Spraying in cold temperatures below 70° F (21° C) or high humidity
- Using TuffGrip, HardLine or Hi-Chem with a RhinoPro™ high pressure machine
- Spraying overhead

**FEATURES & BENEFITS:** HPA is designed to speed up the chemical reaction to eliminate sags, drips or runs. HPA must be used if spraying overhead to eliminate drips and adhesion failure.

**INSTRUCTIONS:** HPA should be added at a rate of one gallon per drum of resin. HPA is added to the drum of resin and then must be mixed for 1 hour or more. This length of time will insure proper distribution of the product. Circulating the chemical while agitating will aid in the mixing. To do this, set the machine resin temperature to 90° F (32° C) and allow the chemical to warm while agitating. Use the transfer pump or place both iso and resin in circulation mode. Make sure both chemicals are set on primary heat of 90° F (32° C) and not greater. Then, put the machine in jog mode J1 to J5.

If using HPA for rejuvenating material past its shelf life please contact Rhino Linings Technical department for directions. These additions need to be done incrementally along with hand mix testing to develop the proper gel time.

**HOW SUPPLIED:** 1 gallon

**STORAGE:** Store between 60° – 90° F (15° – 32° C)

**OTHER PRODUCTS OF INTEREST:** Rhino Linings manufactures a number of additives for increasing product reactivity. Please contact Rhino Linings if you have other requirements.

#### **SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS)**

This chemical system requires the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines.

**For Your Protection:** The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors.

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