

Technical Data Sheet

DESCRIPTION AND APPLICATION

Klingstone Paths Klear is a clear, single component, solvent free, moisture-cure, aliphatic polyurethane binder. It is a multi-purpose, high-performance, moisture cure adhesive that can be used on a wide variety of substrates where good elastomeric properties are needed. Klingstone Paths Klear is applied as a liquid and, once cured, binds aggregate to create a firm, cohesive, yet permeable surface.

| Reaction Profile | |
|---|---------------|
| Drying Time (Tack Free, 75° F, 60% relative humidity) | 5-8 hours |
| Component Properties | |
| Color | Clear |
| Specific Gravity (74°F) | 1.05 |
| Viscosity (74°F), ASTM D-1638 | 1000-1400 cps |
| % Solids | 100% |
| Weight per gallon | 9.436 lbs. |
| Typical Physical Properties | |
| Tear Strength, ASTM D624 | 565 lbs/in |
| Tensile Modulus, ASTM D412 | 74 ksi |
| Tensile Strength, ASTM D412 | 5000 psi |
| Elongation, ASTM D412 | 200% |

*Values given are not intended to be used in specific preparation

RECOMMENDED HANDLING INSTRUCTIONS

- Use only in well-ventilated areas. Avoid breathing polyisocyanate vapors. Do not heat or spray these materials. Use only in exterior applications. Wear full-face respirators specifically recommended for polyisocyanates.
- Do not leave containers open.
- Wear chemically resistant rubber gloves, safety glasses, and protective clothing covering skin.
- Avoid skin exposure to liquids and vapors. Wear Tyvek or similar disposable protective clothing to protect arms and legs. Wear non-permeable gloves.
- In case of skin contact, wipe affected area with isopropyl alcohol, followed by soap and water.
- In case of eye contact, flush eyes with water for 15 minutes and consult a physician.
- If swallowed or comes into contact with eyes, seek medical attention immediately.
- Refer to handling document.

Liquid polyurethanes are moisture sensitive. If the material is exposed to moisture, including moisture from the air, it will release CO² gas. If placed in a sealed container, this gas can cause a dangerous buildup of pressure potentially resulting in injury or death. When the product is exposed to moisture, it will cause foaming, which will result in a weaker material.

SAFETY

Please refer to the SDS for all appropriate health and safety information.

Since Seller exercises no control over Buyers' application or use of the product manufactured by Seller ("product") and since materials used with the product may vary, it is understood that:

- THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES OR MERCHANTABILITY OR FOR ANY PARTICULAR PURPOSE.) While all data presented in Seller's technical data sheet is based on the best information available to Seller and believed correct, such data is not to be construed as a warranty that the product will conform to such specifications. Such technical data sheets are subject to change without notice. Since all urethane systems are organic, they will burn.
- Reported laboratory test results of the color stability in no way relates to the actual performance upon exposure to light sources. Seller shall not be liable for any damages resulting from ultraviolet light color degradation of any aromatic polyurethane systems manufactured or sold by Seller.
- The liability of the Seller shall not exceed the purchase price and the Buyer shall not be entitled to nor the Seller be liable for any consequential, incidental, indirect or special damages resulting in any manner from the furnishing of the product.

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