

A-COMPONENT

(RT100101) (p-MDI)

Typical Physical Properties

- Color, visual	Brown Liquid	- Flash Point, °F	199°F
- Solids, weight %	100	- Weight per gallon, @ 25°F	10.3
- Specific Gravity @ 25°F	1.24	- NCO content, minimum %	31.0
- Viscosity @ 25°C, mPa.s	150-250	- Acidity, %	0.01 – 0.03 maximum

Description

A-Component is an aromatic polymeric isocyanate resin [diphenylmethane-diisocyanate or p-MDI] available in drums, totes or bulk packaging.

Usage

A-Component is used in conjunction with **Henry** RT or **PERMAX** B-Component resins to create various commercial spray polyurethane foams. It is blended in a 1:1 ratio with B-Component resins to create a variety of SPF for roofs, walls, OEM, tanks, spas, piping and other uses.

Coverage

Reference B-Component published Technical Data Sheet

Storage and Shelf Life

Both A & B Components should be stored in their original containers and away from excessive heat and moisture. Drums must be stored indoors and jobsite tanks maintained between 50°F and 86°F. Containers should be opened carefully to allow any pressure buildup to be vented safely while wearing full safety protection.

Shelf Life: Excessive low or high temperatures may decrease shelf life. Storage period is 6 months, after receipt by customer, stored in unopened containers at 50°- 86°F.

Surface Preparation

Reference B-Component Technical Data Sheet

Application

Reference B-Component Technical Data Sheet

Precautions – Supplemental to B-Component Precautions

Read and understand the Material Safety Data Sheet for this product before use. A-Component must be kept dry and avoid contact with moisture vapor or liquid water. The numerical flame spread and all other data presented is not intended to reflect the hazards presented by this or any other material under actual fire conditions. Polyurethane foam may present a fire hazard if exposed to fire or excessive heat (i.e. cutting torches).

Each firm, person, or corporation engaged in the use, manufacture, or production or application of the polyurethane foams produced from these resins should carefully examine the end use to determine any potential fire hazard associated with such product in a specific use and to utilize appropriate precautionary and safety measures.

Polyurethane foams will burn when exposed to fire. Caution during application must be observed with signs posted for other trades, "**Caution Combustible Insulation, No Welding or Hot Work Allowed**". On a daily basis remove all debris and shavings from the job site leaving a clean work area. **When using fuel fired heating units the exhaust must be vented directly outdoors to prevent unsafe carbon monoxide conditions in the work area.** Electric heating units are preferred. All heaters must be turned off before the application of foam begins.

A - Component

Worker Exposure Hazards – Both Components A and B can cause severe inhalation and skin sensitization. For interior applications: full body protection required including air supplying respirator such as a self-contained breathing apparatus (SCBA) or a supplied air respirator (SAR) in the positive pressure or continuous flow mode (this includes air supplied hoods). For exterior applications: required either a full face air purifying respirator or half face worn in combination with chemical safety goggles. The recommended APR cartridge is an organic vapor/particulate filter combination cartridge (OV/P100). It is recommended that all applicators and workers obtain recurrent formal training before exposure to or applying this product. More product information and training materials can be found at Henry Company www.henry.com – or on SPFA or CPI websites including: www.spraypolyurethane.com, www.polyurethane.org, www.sprayfoam.org

Product Sizes

551 lbs drums
2500 lbs totes (disposable or returnable)

Freight Classification

A-Component - Resin Compounds Item 46030, Class 55, NOIBN Non-Hazardous

Limited Warranty

Contact Warranty Department at warranty@henry.com or location shown below for product or systems warranty information.

STATEMENT OF RESPONSIBILITY

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.