

POLYPUF PART A

ISOCYANATE FOR POLYPUF FOAM SYSTEM

PRODUCT DESCRIPTION

PolyPUF Part A is a polymeric MDI with a functionality of approximately 2.7. PolyPUF Part A is suitable for the production of rigid insulation foams by molding, spraying, and frothing.

USES

- Spray applied roofing system.
- Offers sustainability and high-performance.
- Applied directly to most existing substrates for new and retrofit installations.
- Provides the highest insulation values.
- Acts as an air barrier, insulation and roofing system in a single application.

FEATURES AND BENEFITS

- Seamless and self-flashing, no seams or laps that are potential future leaks.
- Waterproof throughout the entire thickness of application.
- Provides the most waterproofing protection of any roofing system available.
- Easily maintained for one of the lowest life cycle cost roofing installation.
- Energy efficient, high R-value system.
- May be surfaced in a variety of colors, including highly reflective materials.

TYPICAL PROPERTIES

PROPERTY	VALUE
Appearance	dark brown liquid
NCO content, wt. %	31.5
Viscosity @ 25°C, cps	200
Hydrolyzable chlorine, wt. %	0.035
Flash point, °C (COC)	200
Density @ 25°C, g/cm ³	1.23
Weight per Gallon	10.25
Initial boiling point, 5mm Hg, °C	190
Vapor pressure @ 25°C, mm Hg	0.0002

STORAGE

PolyPUF Part A is supplied in drums. Once a container has been opened, care should be taken to exclude moisture. The most favorable temperature for storage is 15–35°C. If stored at higher temperatures, or if moisture is not excluded, an undesirable increase in viscosity will occur. Below 15°C, the product becomes difficult to pump and pour. Below 0°C, crystallization may occur. The shelf life of PolyPUF Part A is nine months if the temperature is maintained at 15–35°C and moisture is excluded.

WARNING

These products can be used to prepare a variety of polyurethane products. Polyurethanes are organic materials and must be considered combustible.

IN CASE OF AN EMERGENCY

Call CHEMTREC (800) 424-9300, day or night for assistance or information concerning spilled material, fire, exposure, and other chemical accidents. Outside the U.S., call (703) 527-3887.

PACKAGING

- 500# Drum

POLYGLASS U.S.A., INC. MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

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IMPORTANT

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Refer to safety data sheet (SDS) for specific data and handling of our products.

All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us

