

Material Safety Data Sheet

For chemicals, coatings, and related materials
In compliance with OSHA 29 CFR 1910.1200

Date Prepared:
01-31-15

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Section I – Product

NAME: Polybond 1030 – Part B
CLASS: Polyamide Hardener

HMIS HAZARD CODES
Health: 3 (Serious)
Flammability: 1 (Slight)
Reactivity: 0 (Minimal)

Personal Protective Equipment: H

Section II – Hazardous Ingredients

---Ingredient---	Percent	C.A.S. Registry	LEL	Vapor Pressure
Material Description	by Weight			mm Hg @ 20°C
Polyamide Hardener	78%	*Trade Secret	0.8	0.0
Graded Sand	15%	*Trade Secret	n/a	n/a
Solvents	7%	*Trade Secret	n/a	n/a

Section III – Physical Data

Boiling Range: 604 to n/a °F
Vapor Pressure: 0.0 mm@20°C
Specific Gravity: 1.00
Evaporation Rate: Slower
(relative to n-butyl acetate)
Appearance and Odor: Straw colored Liquid, Amine Odor.

Freezing Point: n/a
Vapor Density: 6.53 (heavier than air)
H₂O Solubility: Negligible (< 0.1%)
% Volatile by Volume: n/a %

Section IV – Fire and Explosion Hazard Data

Flash point: 280°F
(Method used) Pensky-Martens

Explosive Limits: LEL 0.8 UEL (%V in air) 4.6

Flammability Classification

OSHA: Combustible Liquid – Class III B

DOT: Not regulated

Extinguishing Media:

Water Fog, Foam, Carbon Dioxide (CO₂), Dry Chemical

Special Fire Fighting Procedures:

Use water fog to cool containers.

Wear protective clothing. Fight fire from a safe distance.

Close all valves to the area. Shut off all power to the area.

Emergency lights must be turned on.

Self-contained breathing apparatus is to be used.

Under fire conditions irritating and/or toxic gases may be present.

Unusual Fire and Explosion Hazards: None

Scoop up contaminated soil and place in dry drums.
Large spills may be pumped into closed, but not sealed containers.
Waste disposal methods:
Empty decontaminated containers should be crushed to prevent reuse.
Dispose of in accordance with local regulations.

Section IX – Special Protection Information

Respiratory protection:
NESA/NIOSH approved respirator is highly recommended.
Airline hood or mask is highly recommended.
Chemical respirator is highly recommended.
Self-contained breathing apparatus in concentrations above PEL/TLV.

**Avoid breathing mists, vapors, or fumes which can cause severe respiratory damage.
**Always work in areas with adequate ventilation to allow dissipation of vapors.

Ventilation:
Provide adequate cross air circulation.
Exhaust at point of use. Mechanical in confined areas.

Protective Gloves:
Gloves resistant to chemical penetration
Butyl, Rubber or Neoprene Gloves.

Eye Protection:
Splashproof safety, Chemical Worker and Chemical Splash goggles.

Other Protective Equipment:
Eyewash Station, Emergency Shower, and use of barrier cream recommended.
Chemical Apron, Rubber foot covering, clean long sleeve and leg clothing.

Section X – Special Precautions

Handling and Storage Precautions:
Overheating may cause container to rupture.
Store in a cool dry place. Keep away from open flames.
Store in tightly closed containers Store away from food and beverages.
Wash thoroughly after handling.
Wash before eating, drinking, smoking, or using toilet.

Other Precautions:
Check all containers for leaks.
Avoid prolonged breathing or contact with skin.

Proprietary Ingredient – may be made available as provided in 29 CFR 1910.1200 (I).

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