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TECHNICAL DATA

Eracure 91

POLYURETHANE CURATIVE

Eracure 91 is a low molecular weight, highly reactive triol which is used as a curative for polyurethane prepolymers. **Eracure 91** can be used by itself or in combination with other curatives to produce polyurethanes with lower hardness than expected with MOCA.

TYPICAL ANALYSIS

Average equivalent weight	91
Hydroxyl number	615-620
Viscosity @ 25°C (cps)	700
Specific gravity @ 25°C	1.150
Flash point (closed cup ASTM D93) (°C)	196

FORMULATIONS

To calculate the amount of **Eracure 91** required to cure an elastomer, the following can be used;

$$\text{Parts By Weight Eracure 91 required to cure 100 pbw prepolymer} = \frac{\%NCO \times 91}{42} \times \% \text{Theory}$$

For further details contact **Era Polymers** Technical Department.

HANDLING AND STORAGE

Store **Eracure 91** in a cool, dry place between 15 - 30°C. Keep container closed and free of moisture. **Eracure 91** is moisture sensitive; keep drums and pails well sealed with nitrogen.

SAFETY PRECAUTIONS

Polyurethanes or polyisocyanurates produced from this product may present a fire hazard in certain applications if exposed to fire and/or excessive heat, e.g. welding and cutting torches, in the presence of oxygen or air. Polyurethanes and polyisocyanurates produced from this product in combination with phosphorus containing flame-retardants may, when pyrolyzed at temperatures at and above 300°C, produce toxic by products.

This product causes eye and skin irritation. Vapour irritating. Avoid contact with eyes, skin and clothing. Avoid breathing vapour and mist. If handled indoors, provide mechanical exhaust ventilation.

Wear clean rubber gloves, goggles and clean waterproof or clean protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. For disposal of this waste, bury or landfill; DO NOT place in municipal sewer systems.

FIRST AID

INHALATION: Treat symptomatically. Remove to fresh air and if necessary use vasodilators and oxygen. If reaction is extreme, call a physician.

SKIN CONTACT: Wash thoroughly with soap and water, or rubbing alcohol.

EYE CONTACT: Flush eyes with water for at least 15 minutes. Call a physician.

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