ENDURANCE 3006 Pure-Skin
(Pure-Skin Polyol A)
TECHNICAL DATASHEET

Rev: 12/24

DESCRIPTION:

Endurance 3006 is the A component of a two-part cold cure polyurethane chemical system which, when reacted with the suggested B component in accordance with these instructions, produces a 20°- 30°A elastomer.

Endurance 3006 is based on polyether polyols and supplied and is catalysed with a organo-metallic compound (Stannis – based) to cure at room temperature.

TYPICAL PROPERTIES:

Polyol:

Appearance	:	Easy flowable liquid
Viscosity (mPas) @ 25°C	:	800 ± 100
Specific Gravity @ 25°C	:	$1.24 \pm .05$
Acid Value (mg KOH/g)	:	0.06
Water Content (%)	:	<0.1

Iso: Endurance 9040 or 9201
(Please refer to attached Datasheet)

Recommended Mixing Ratio:	: 9040	100 : 10
(by mass)		(10 : 1)
	9201	100 : 10
		(10 : 1)

Reaction Profile @ 25°C:

Gel Time (min)	:	5 ± 0.5
Final Hardness (°A)	:	10
Final Density (g/l)	:	1120 ± 80

Note: The final hardness of the elastomer can be varied by adjusting the ratio, increasing the amount of isocyanate will increase the hardness and decreasing the amount of isocyanate will make the product softer.

1 Turf Way Strandfontein 7798 (Contact number 083 555 5277).

STORAGE RECOMMENDATIONS:

Components need to be well stirred before mixing together. Components should be at 25° C when mixing for best results.

Under recommended storage conditions (20 – 25° C) and in properly sealed containers, i.e. drums, cans etc., the storage life of 6300 is 6 months.

HEALTH AND SAFETY ADVICE:

Under normal conditions of use and application of good industrial housekeeping and hygiene this product does not present a significant health hazard. Should the material be splashed on the skin, it should be removed with copious irrigation with clean water followed by washing with warm water and soap. Following eye contamination and copious irrigation with clean water to remove the material from the eyes, the person should be medically examined. Following ingestion, medical advise should be sought.

Also refer to the attached Material Safety Datasheet (MSDS) for handling isocyanates