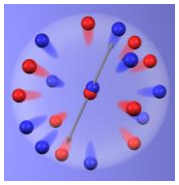

DIVERSE URETHANES

PRODUCT DATA SHEET

INTEGRAL SKIN MF100

1. INTRODUCTION

INTEGRAL SKIN MF100 is a black pigmented zero CFC polyether polyol blend. It is designed for use in the production of glycol chain extended RIM microcellular elastomers of medium hardness. It is normally used with MDI 30.

2. TYPICAL PHYSICAL PROPERTIES

Appearance	:	Black liquid
Specific gravity	:	1,023
Viscosity	:	980 cps at 20°C
Water Content	:	0,17 - 0,20

3. PROCESSING DETAILS

Mixing Ratio	:	100 : 85 parts by mass (Polyol : MDI)
Reaction Rate	:	30°C, hand mix
Cream Time	:	14 - 17 seconds
ERT	:	30 seconds
Free Rise Density	:	190 - 210 kg/m³ (Reef altitude cup test)

N.B. This product contains immiscible pigments and glycols which settle out rapidly on standing. The product must therefore be continually agitated before and during use.

Processing Temperature

The polyol and isocyanate should be adjusted to 20 - 25°C for processing. Moulds are normally preheated to 35 - 55°C.

4. STORAGE RECOMMENDATIONS

This blend is hygroscopic and should therefore be protected from contamination with moisture by keeping containers properly sealed when not in use. Under temperate conditions the storage life of this polyol blend is six months. The blend should be re-mixed thoroughly prior to use as separation of the compounded ingredients may occur on standing.

5. FIRE AND EXPLOSION HAZARDS

This material is not readily ignited but like most organic materials it will burn if involved in a fire.

6. HEALTH CONSIDERATIONS

Consideration of the composition of this product coupled with several years experience in the manufacture and use of similar products, indicates that it does not present a significant health hazard to users.

Normal standards of industrial hygiene should however, be observed when handling this material and suitable clothing and eye protection must be worn. Should the material be splashed on the skin or in the eyes, it should be removed promptly by copious irrigation with clean water. Following eye contamination it is a suitable precaution to have the person affected medically examined.

7. WASTE DISPOSAL

The recommended procedure for disposing of waste polyol blend is either burying on an approved tip or burning under carefully controlled conditions. However, customers are advised to check their local, provincial or national legislation governing the disposal of waste materials.

8. SPILLAGES

Excessive spillages should be contained by, and covered with, large quantities of sand, earth or similar absorbent material which is then brushed in vigorously to assist absorption. The mixture can then be shovelled up into drums or plastic bags, and disposed or as described in the previous section.

9. The information provided in this data sheet and otherwise supplied to users is based on our general experience and upon tests which are believed to be reliable. However, because we have no control over the exact manner in which the information is used, we cannot guarantee the results to be obtained. Furthermore we make no express or implied warranty of merchantability or fitness of the product for a particular purpose.

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