



DIVERSE URETHANES

Integral Skin System 672

1. INTRODUCTION

ISS 672 is a CFC-free, pigmented polyol blend designed for use with the isocyanate MDI 15M, in the production of moulded integral skin polyurethane products such as furniture armrests, truck seats and automotive headrests.

2. TYPICAL PHYSICAL PROPERTIES

Appearance : Black liquid

3. PROCESSING DETAILS

Mixing Ratio : 100 : 48 (ISS 672 : MDI 15M)
Reaction Rate : (20°C, hand mix) (Reef altitude)
Cream Time : 35- 39 seconds
End of Rise : 68 sec – 75 sec
Free Rise Density : 112 - 118 kg/m³

It is necessary to mix ISS 672 prior to use, as compounded ingredients do separate on standing.

4. STORAGE RECOMMENDATIONS

Storage Temperature - Below 25°C.

Storage Pressure - atmospheric.

General - Keep container closed when not in use. Store in cool, well ventilated place out of direct sunlight.

This product contains HCFC 141b which boils at 26 - 32°C (depending on altitude). Drums should remain properly sealed when not in use to prevent loss of the HCFC 141b by evaporation, which could result in higher foam densities for a given formulation. Drums of this product should not be subjected to high temperatures otherwise excessive pressure may develop. For prolonged storage it is recommended that the temperature should not exceed 20°C. Under these conditions the loss of HCFC 141b is expected to be negligible, and no difficulty should arise through pressure generation. The storage life of the product is six months.

Follow all MSDS sheet and label warnings even after container is empty.

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 of 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.

Users assume all risks and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. No guarantee is expressed or implied. Liability is limited to replacement of faulty material

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MsdS Available on request.