



DIVERSE URETHANES

PRODUCT DATA SHEET

DIV FF700

A CFC Free Polyol blend for cold cure flexible mouldings

1. INTRODUCTION

DIV FF700 is a CFC free polyether polyol blend introduced for use in the production of cold cure flexible polyurethane foam seat cushions in the automotive industry. It is typically moulded at 50 - 70 kg/cu.m. densities and recommended for use with MDI variants, MDI 72.

2. TYPICAL PHYSICAL PROPERTIES

Appearance	:	Water white liquid
Specific gravity	:	0.99 - 1.01 (20°C)

3. PROCESSING DETAILS

Mixing Ratio	:	100 : 50 - 60 DIV FF700 : MDI 72
Reaction Rate	:	(20°C, hand mix)
Cream Time	:	7 - 10 seconds
String Time	:	67 - 76 seconds
Rise Time	:	90 - 100 seconds
Free Rise Density	:	40 - 50 kg / cu.m.

4. STORAGE RECOMMENDATIONS

Under temperate conditions the storage life of this polyol blend is six months. The blend should be remixed thoroughly prior to use as separation of the compounded ingredients may occur on standing. The drums must always be sealed to avoid loss of ingredients or contamination.

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 overall experience and upon tests which are believed to be reliable. However, because we have no control over the exact way 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.

The information given in this safety data sheet is based on our overall experience and upon tests which are believed to be reliable.

SAFETY DATA SHEET**DIV FF700****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY UNDERTAKING:**

Product Name : DIV FF700

Address/Tel.No. : Diverse Urethanes (PTY) LTD
2A High Street
Modderfontein 1645
(011) 608-2584

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Product Description : Compounded Polyol Blend

Hazardous Ingredient(s)	CAS No.	% (w/w)	Symbol	R Phrases
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Contains no hazardous ingredients (91/155/EEC).

3. HAZARDS IDENTIFICATION:

Consideration of the composition of this product indicates that it does not present a significant health hazard to users.

4. FIRST AID MEASURES:

Inhalation : Remove patient from exposure.

Skin contact : Wash skin immediately with water, followed by soap and water. If symptoms (irritation or blistering) persist obtain medical attention. Contaminated clothing should be laundered before re-issue.

Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.

Ingestion : Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. Obtain immediate medical attention.

Further Medical Treatment : Symptomatic treatment and supportive therapy as indicated.

5. **FIRE-FIGHTING MEASURES:**

Not classed as flammable.
If involved in a fire, it may emit noxious and toxic fumes.

Extinguishing Media : Normal extinguishing media.

Fire Fighting Protective Equipment : Full protective equipment including suitable respiratory protection.

6. **ACCIDENTAL RELEASE MEASURES:**

Ensure suitable personal protection during removal of spillages.
Absorb spillages onto sand, earth or any suitable absorbent material.
Transfer to a container for disposal.
Wash the spillage area clean with water and detergent.

7. **HANDLING AND STORAGE:**

Handling : No special precautions required.

Storage : Keeping containers properly sealed when not in use. See storage recommendation in the Product Data Sheet.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Wear suitable gloves and eye/face protection.

Occupational Exposure Limits

HAZARDOUS INGREDIENT(S)	LTEL ppm	8hr TWA mg/m ³	STEL ppm mg/m ³	Time mins
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No Occupational Exposure Limit Assigned.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Form : Water white liquid
Flash Point (Deg C) : >100

10. **STABILITY AND REACTIVITY**

Hazardous Reactions : None known

Hazardous Decomposition Product(s): None at ambient temperature

11. **TOXICOLOGICAL INFORMATION:**

This health hazard assessment is based on a consideration of the composition of this product.

Inhalation : Unlikely to be hazardous by inhalation because of the low vapour pressure of the material at ambient temperature.

Skin Contact : Slight/mild irritant.
May cause sensitisation by skin contact.

Eye Contact : Slight/mild irritant.

Ingestion : Low oral toxicity.

12. **ECOLOGICAL INFORMATION:**

No information available.

13. **DISPOSAL CONSIDERATIONS:**

The generation of waste should be avoided or minimised wherever possible.

Disposal should be in accordance with local, state or national legislation. Bury on an authorised landfill site or incinerate under approved controlled conditions, using incinerators suitable for the disposal of noxious chemical waste.

14. **TRANSPORT INFORMATION:**

Not classified as hazardous for transport.

UN no. : -

UN Pack Group : -

AIR

ICAO/IATA Class

Primary : -

SEA

IMDG Class

Primary : -

ROAD/RAIL

ADR/RID Class : -
ADR/RID Item No. : -
ADR SIN : -

15. **REGULATORY INFORMATION:**

Not classified hazardous to users.

EEC Classification : Not classified
Hazard Symbol : None required
Risk Phrases : None required
Safety Phrases : None required

16. **OTHER INFORMATION:**

This data sheet was prepared in accordance with Directive 91/155/EEC.