

KMG Universal Body Filler

SAFETY DATA SHEET

This Safety Data Sheet is prepared in accordance with EU Directive 91/155/EC, as amended by Directive 2001/58/EC - Europe

Name : KMG Universal Body Filler

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDERTAKING

PRODUCT NAME : KMG Universal Body Filler

APPLICATIONS : Polyester Repair Paste containing styrene.

SUPPLIER : Killarney Plastics Ltd.,
Ballyspillane Industrial Estate,
Killarney, Co Kerry
Ireland
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2. HAZARDS IDENTIFICATION

Flammable.

Harmful by inhalation.

Irritating to eyes and skin.

PHYSICAL RISKS.

The mixture of product vapour and air could be explosive.

Strongly exothermic polymerisation may be caused by:

Heat.

Free radical formers.

Peroxides.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient : Styrene 10-30%

Name	EC No.	CAS No.	Content	Symbol	R-phrases
styrene	202-851-5	100-42-5	10-30%	Xn	R-10, 20, 36/38

4. FIRST AID MEASURES

INHALATION :

Take person out of the contaminated area. Remove patient to fresh air.
Call a doctor in case of doubt or if symptoms persist.

INGESTION :

DO NOT INDUCE VOMITING!
Put under medical supervision.
If swallowed, seek immediate medical advice and show container or label to the doctor.

SKIN :

Remove contaminated clothing.
Wash with soap and water and rinse with water.

EYES :

Promptly wash eyes with plenty of water while lifting the eye lids.
Continue to rinse for at least 15 minutes.



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Contact physician if irritation persists.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : RECOMMENDED :
 Powder, foam or CO2.
 Sand.
 Water spray.
 NOT SUITABLE :
 Water jet.

SPECIAL FIRE FIGHTING PROCEDURES :

Cool the container with sprayed water to avoid polymerisation.
 Eliminate all sources of combustion.
 Treat as hydrocarbon fire.
 Limit spreading of extinguishing fluids.

HAZARDOUS COMBUSTION PRODUCTS :

By combustion, formation of toxic products : carbon, carbon monoxide, carbon dioxide...

PROTECTIVE MEASURES IN FIRE : Wear individual breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION : Avoid inhaling vapours.
 Wear protective equipment.
 Gloves - Goggles - Boots.
 Wear self-contained breathing apparatus.

ENVIRONMENTAL PROTECTION : Do NOT discharge in sewers.
 Do not allow this chemical to enter the environment.
 If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations.

SPILL CLEANUP METHODS : RECOVERY :

Spread sand.
 Collect the product in a container pending future destruction.

DISPOSAL :

Burn in an approved installation for liquids. INCOMPATIBLE

MATERIALS :

Wood sawdust.

7. HANDLING AND STORAGE

HANDLING REQUIREMENTS : Ensure that there is sufficient ventilation in the area

STORAGE PRECAUTIONS : Keep in cool, dry, ventilated storage and closed containers away from sources of ignition..

PACKAGING : Keep in original packaging

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient name	CAS no.	Reference	Date	LT Exp 8 Hrs	ST Exp 15 Min
styrene	100-42-5	EH 40 (HSE)	2005	100 ppm	250 ppm



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PROTECTIVE EQUIPMENT :



RESPIRATORS :	Do NOT breathe vapours. Wear suitable respiratory protection. (AB)
PROTECTIVE GLOVES :	Wear solvent-proof gloves. (Neoprene).
EYE PROTECTION :	Wear approved safety goggles.
OTHER PROTECTION :	Wear suitable protective clothing.
HYGIENIC WORK PRACTICES :	Change work clothing daily before leaving work place. Eating, smoking and water fountains prohibited in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :	PASTE
COLOUR :	Grey / Brown / Cream
ODOUR :	Styrene.
PHYSICAL DATA COMMENTS :	(#) Values related to styrene, not to the preparation. Take precautionary measures against electrostatic discharges.
SOLUBILITY DESCRIPTION :	Insoluble in water. Soluble in most organic solvents.
FLASH POINT (°C) :	31 °C
AUTO IGNITION TEMP. (°C) :	490 °C #
FLAMMABILITY LIMIT - LOWER(%) :	1.1 #
FLAMMABILITY LIMIT - UPPER(%) :	6.1 #

10. STABILITY AND REACTIVITY

STABILITY :	Stable under normal storage condition.
CONDITIONS TO AVOID :	Avoid heat. Light. Away from sources of ignition.
POLYMERISATION DESCRIPTION :	Exothermic polymerisation may occur by : Strong oxidizing agents. Peroxides. Radical formers.
HAZARDOUS DECOMP. PRODUCTS :	By thermal decomposition, formation of : Carbon. Carbon monoxide (CO). Carbon dioxide (CO2).

11. TOXICOLOGICAL INFORMATION

INHALATION :	Harmful by inhalation. Symptoms and signs include : headache, dizziness, tiring.
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SKIN : Irritating to skin.
EYES : Irritating to eyes.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION : Do not discharge into drains or the environment ; dispose to an authorised waste collection point.
DEGRADABILITY : Not Readily Biodegradable.
OTHER ADVERSE EFFECTS : Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS : Incineration in approved installation.
Incineration for liquid resins. Crushing then incineration for solid resins.
Cleaned packaging may be recycled.
This material and its container must be disposed of as hazardous waste.

14. TRANSPORT INFORMATION

GENERAL : The data included in this section don't take into account the exemptions regarding each transport regulation.

LABEL FOR CONVEYANCE :



- ROAD TRANSPORT:

UN NO. ROAD : 3269
ADR CLASS NO. : 3
CLASSIFICATION CODE : F1
ADR PACKING GROUP : III

HAZARD NO. (ADR) :

30 Flammable liquid (flash point between 23 °C and 61 °C, inclusive) or flammable liquid or solid in the molten state with a flash point above 61 °C, heated to a temperature equal to or above its flash point, or self heating liquid.

ADR LABEL NO. : 3

PROPER SHIPPING NAME (NATIONAL) : Polyester Resin Kit

- RAIL TRANSPORT:

RID CLASS NO. : 3
RID ITEM NO. : III
RID PACKING GROUP : III

- SEA TRANSPORT:

UN NO. SEA : 3269
IMDG CLASS : 3
IMDG PACKING GROUP : III
EMS NO. : F-E, S-D
MARINE POLLUTANT : No.

- AIR TRANSPORT:

UN NO., AIR : 3269
IATA/ICAO CLASS : 3
IATA/ICAO PACKING GROUP : III

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15. REGULATORY INFORMATION

SYMBOLS :



CONTAINS :	Styrene
RISK PHRASES :	R-10 Flammable. R-20 Harmful by inhalation. R-36/38 Irritating to eyes and skin.
SAFETY PHRASES :	S-23 Do not breathe gas/fumes. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

EU DIRECTIVES :

Directive 2001/58/EC : Safety data sheets.

16. OTHER INFORMATION

INTENDED USE Only for professional use

EXPLANATIONS TO R-PHRASES IN SECTION 2 :

R-10 Flammable.
R-20 Harmful by inhalation.
R-36/38 Irritating to eyes and skin.

USER NOTES: This information ONLY applies to this product which conforms to the specification of Killarney Plastics Ltd. In case of formulations or mixtures, the user must ensure that new hazards are not apparent in line with the above. The information contained herein is based on our present knowledge of the product, at the date of publishing and it is given in good faith. Please note the possible risks involved if this product is used for applications other than those for which it is intended. This sheet shall only be used and reproduced for Health & Safety purposes. The references to legislative & regulatory information and codes of practice are not exhaustive. Other applicable regulations may be considered. It is the responsibility of the user to refer to existing legislation concerning the use, the storage and the safe handling of the product. It is also the responsibility of the user to communicate ALL information related to the protection of Health, Safety & the Environment contained within this Material Safety Data Sheet to those persons involved in the handling of this product.