

Issued 15-5-2012

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

Name: Pearl Bodyfiller

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

PRODUCT NAME: Pearl Bodyfiller

APPLICATION : Polyester Repair Paste containing styrene.

SUPPLIER: Dewey Waters Ltd.,
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2. HAZARDS IDENTIFICATION

- Flammable.
- Harmful by inhalation.
- Irritating to eyes and skin.

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: Potential irritation of throat, with chest tightness. Remove person from the contaminated area ideally into fresh air. Call a doctor in case of doubt or if symptoms persist.

INGESTION: Wash mouth out with water. Nausea and stomach pain may occur.
DO NOT INDUCE VOMITING! If swallowed, seek immediate medical advice and show container or label to the doctor.

SKIN: Potential irritation and redness at site of contact.
Remove contaminated clothing. Wash with soap and water.

EYES: Potential irritation and redness may occur.
Promptly wash eyes with plenty of water while lifting the eye lids for 15 minutes. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.
HAZARDOUS COMBUSTION PRODUCTS:	By combustion, formation of toxic products: carbon, carbon monoxide and carbon dioxide.
PROTECTIVE MEASURES IN FIRE:	Wear individual breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION:	Refer to section 8 for personal protection details.
ENVIRONMENTAL PROTECTION:	Do NOT discharge into drains or rivers. Contain the spillage using bunding.
CLEAN-UP PROCEDURES:	Absorb into dry earth or sand.

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:	Must be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

WORKPLACE EXPOSURE LIMITS:

WEL (8HR TWA):	100ppm
WEL (15 MIN STEL)	250ppm

RESPIRABLE DUST:

WEL (8HR TWA):	1mg/m ³
HAZARDOUS INGREDIENTS:	STYRENE WEL (8hr TWA): 430mg/m ³ WEL (15min STEL): 1080mg/m ³

ENGINEERING MEASURES:	Ensure there is sufficient ventilation of the area.
RESPIRATORY PROTECTION:	Respiratory device with particle filter.
HAND PROTECTION:	Nitrile gloves
EYE PROTECTION:	Safety glasses with side-shields.
SKIN PROTECTION:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :	Paste
COLOUR :	White
ODOUR :	Styrene / Aromatic
SOLUBILITY:	Insoluble in water. Soluble in most organic solvents.
FLASH POINT (°C):	32°C
AUTO IGNITION TEMP. (°C):	490°C (Styrene)
FLAMMABILITY LIMIT - LOWER (%):	1.1 (Styrene)
FLAMMABILITY LIMIT - UPPER (%):	6.1 (Styrene)
RELATIVE DENSITY:	Approx 1.0

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal storage condition.
CONDITIONS TO AVOID:	Heat. Light. Sources of ignition.
POLYMERISATION DESCRIPTION:	Exothermic polymerisation may occur by: Strong oxidizing agents Peroxides Radical formers Heat
HAZARDOUS DECOMP. PRODUCTS:	Toxic fumes of: Carbon Monoxide (CO). Carbon Dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS:	STYRENE IVN MUS LD50 90mg/kg ORL MUS LD50 316mg/kg ORL RAT LD50 2650mg/kg
ROUTES OF EXPOSURE:	Refer to section 4 of the SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

MOBILITY:	Insoluble in water, heavier than water.
PERSISTANCE AND DEGRADABILITY:	Not readily biodegradable.
OTHER ADVERSE EFFECTS:	Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OPERATIONS:	Tipping above or underground (e.g. landfill, etc.)
DISPOSAL OF PACKAGING:	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR/RID:

UN NO.:	3269
CLASS:	3
CLASSIFICATION CODE:	F1
PACKING GROUP:	III
SHIPPING NAME:	POLYESTER RESIN KIT
LABELLING:	3

IMDG/IMO:


UN NO:	3269
CLASS:	3
PACKING GROUP:	III
EmS:	F-E, S-D
MARINE POLLUTANT:	
LABELLING:	3



IATA/ICAO:

UN NO:	3269
CLASS:	3
PACKING GROUP:	III
PACKING INSTRUCTIONS:	312
LABELLING:	3

15. REGULATORY INFORMATION

HAZARD SYMBOLS:	Harmful	
RISK PHRASES:	R-20 Harmful by inhalation. R-36/38 Irritating to eyes and skin.	
SAFETY PHRASES:	S-2 Keep out of reach of children S-46 If swallowed, seek medical advice immediately and show this container or label.	
HAZ. INGREDIENTS (LABEL):	STYRENE	
NOTE:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.	

16. OTHER INFORMATION

OTHER INFORMATION:

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

FOR PROFESSIONAL USE ONLY. Read full instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These are available via your local stockist or via the ProWorx website. www.proworx.eu.

Dewey Waters Ltd. disclaims any liability where the user does not wear the recommended personal protective equipment

RISK PHRASES USED IN S.3:

R10: Flammable

R20: Harmful by inhalation

R36/38: Irritating to eyes and skin

LEGAL DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Addition of reducers, hardeners and other additives over and above Dewey Waters Ltd. recommendations for use may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, this company shall not be held liable for any damage resulting from handling or from contact with the above product.