



PolyMarine Ltd

Chester House
 The Dingle, Colwyn Bay, LL29 7SN
 Telephone: 01492 583322
 Fax: 01492 531666
 EMERGENCY TEL. No 01492 583322

SAFETY DATA SHEET

Inflatable boat finish

ISSUE 4

REVISION 3

FEB 2003

1. IDENTIFICATION OF PREPARATION / TRADE NAME / PURPOSE 0
 PRODUCT **Acrylic Polishes** 0
 CODE NUMBER 0
 PURPOSE **Protective Coating For Vinyl hypolon & PVCs** 0

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT(S)	% COMPOSITION PARAMETERS	C.A.S. NUMBER(S)
Acrylic Polymer / Copolymer Polyethylene Wax Alkali Soluble Resin (not in Platinum) Solvent - Low Hazard Glycol Ether Plasticers Surfactants Preservative Water	5% but less than 20% 5% but less than 15% Less than 5% Less than 5% Less than 5% Less than 5% Present Up to 100%	No data offered No data offered No data offered No data offered No data offered No data offered No data offered

EEC COMPOSITION REQUIREMENTS. CONTAINS AMONGST OTHER COMPONENTS -	% COMPOSITION PARAMETERS
Phosphates Nonionic Surfactant Anionic Surfactant Aliphatic Hydrocarbons Preservative	Less than 5% Less than 5% Less than 5% Less than 5% Present

3. HAZARDS IDENTIFICATION

PRINCIPAL HAZARDS

This product is NOT CLASSIFIED dangerous in accordance with the Chemical (Hazard Information and Packaging) Regulations 1994. Therefore both this SDS and the label carries no "Orange Box" hazard designation or RISK or SAFETY PHRASES. However as with all industrial and institutional chemical products and in compliance with the CONTROL of SUBSTANCES HAZARDOUS to HEALTH REGULATIONS Good Housekeeping should prevail with regard to section 4 - 16 inclusive concerning Handling, Storage, First Aid, Disposal etc.

C.O.S.H.H. - CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH

Does product contain an EH40 Regulated Substance Yes No If Yes continue

DOES THE EH40 SUBSTANCE HAVE AN OCCUPATIONAL EXPOSURE STANDARD OR MAXIMUM EXPOSURE LIMIT?

EH40 LISTED COMPONENT	L.T.E.L.	S.T.E.L.
Ammonia Solution	25 ppm 8 Hour TWA 18 mg/m ⁻³ 8 Hour TWA	35 ppm 15 min TWA 27 mg/m ⁻³ 15 min TWA

4. FIRST AID MEASURES - POSSIBLE HAZARD

(a) Skin	Wash affected areas thoroughly with soap and water. Receive MEDICAL ATTENTION if irritation is apparent. Prolonged and persistent skin contact causes slight skin irritation.
(b) Eyes	Irrigate the eyes with fresh water or an eyewash for at least 15 minutes and receive MEDICAL ATTENTION if irritation is apparent. Mild irritant effect can be expected.
(c) Ingestion	Do not induce vomiting. Wash mouth with copious amounts of water. Give half pint of water to drink. To dilute the hazard and SEEK MEDICAL ATTENTION. Nausea / headache could be result of ingestion.
(d) Inhalation	Remove to fresh rest and keep warm. Prolonged persistent inhalation of fume from drying film could result in headache, nausea, irritation of nose, throat lungs.
(e) Medical Advice	Primary routes of exposure inhalation and skin contact treatment at worst for mild irritant effects.
N.P.I.S. -	Urgent Professional Advice regarding First Aid may be obtained by contacting the National Poisons Information Service (NPIS) London where all products are registered

5. FIRE FIGHTING MEASURES

IS THIS PRODUCT FLAMMABLE?

Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>

EXTINGUISHING MEDIA IN CASE OF FIRE

WATER

FOAM

CO²DRY
CHEMICAL DO NOT USE WATER BASED EXTINGUISHERS FOR TACKLING SOLVENT BASED PRODUCT FIRES

FLASH POINT

ESTABLISHED USING THE ABEL CLOSED CUP METHOD (PETROLEUM ACT 1924)

—	°C
---	----

—	°F
---	----

<input checked="" type="checkbox"/>	NOT FLAMMABLE
-------------------------------------	------------------

SPECIAL FIRE FIGHTING PROCEDURES AND PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

- Protective orinasal masks must be worn
- Protective full face masks must be worn
- Protective oxygen supplied masks must be worn
- Full protective combative suits
- Other

UNUSUAL EXPLOSIVE HAZARDS

Material can splatter at 100°C/212°F
Dried product can burn
Temperatures above 177°C polymer
Decomposition occurs. May yield acrylic monomers.

6. ACCIDENTAL RELEASE MEASURES

- Prevent from entering drains, surface and ground water. If such accidental release occurs contact Water Authority immediately and attempt to contain spill with absorbent and refer to Section 13 Disposal Considerations.

7. HANDLING AND STORAGE

- Handle in accordance with CHIP/COSHH requirements refer Sections 3/8
- Storage at ambient temperature preferable though not essential
- Storage at ambient temperature essential
- Avoid extremes of temperature - Frost/Heat - if frozen potential ruin will result minimum temperature for storage 1°C

7. HANDLING AND STORAGE (continued)

*** Finish has a shelf life of no more than 6 months**

- STORAGE SHELF LIFE - The **MINIMUM** storage of unopened sealed containers is 12 months unless otherwise specified in the box

-* MONTHS

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

As disclosed in Section 3 COSHH if product contains an EH40 listed component preventative methods *MUST be employed to prevent atmospheric levels exceeding the listed Occupational Exposure Standard (O.E.S.) Maximum Exposure Limit (M.E.L.). Alternatively suitable protective clothing must be worn if these levels are exceeded as recommended below

*PREVENTATIVE METHODS BEING SUITABLE EXTRACTION/VENTILATION ETC.

<input checked="" type="checkbox"/> EYE PROTECTION	TYPE - Goggles / eye shield
<input checked="" type="checkbox"/> HAND PROTECTION	TYPE - Neoprene gloves - avoid unnecessary skin contact with concentrate
<input checked="" type="checkbox"/> SKIN PROTECTION	TYPE - Overalls
<input checked="" type="checkbox"/> RESPIRATORY PROTECTION	TYPE - None if OES level is not exceeded

9. PHYSICAL AND CHEMICAL PROPERTIES

(a) Appearance and odour	White emulsion / ammonical
(b) Specific Gravity (Density) @ 20°C Typical Analysis	1.000 - 1.500
(c) Solubility in water	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
(d) pH @ 20°C Typical Analysis	8.0
(e) % Non Volatiles Typical Analysis	14.0 - 30%
(f) Boiling Point	Approx. 100°C
(g) Viscosity (Brookfield)@ 20°C Typical Analysis / F.C.4	<10 cps/centipoise
(h) Flammable	Flash point >55°C

10. STABILITY AND REACTIVITY

- Stable if stored at ambient temperature in sealed containers
 Unstable at room temperature
 Reactive with **No known materials**
 Unreactive
 Avoid contact with **Acids - may cause coagulation and ruin of emulsion**

11. TOXICOLOGICAL INFORMATION

It is not the policy of Polymarine to conduct animal tests. The following toxicological data therefore applies to the individual, neat, raw material or component chemical used within the finished preparation.

COMPONENT(S) Polymer(s)	LD50 RAT	>5000mg/hg	SOURCE	R&H
--------------------------------	----------	----------------------	--------	----------------

12. ECOLOGICAL INFORMATION

In line with the company's Green Policy statement, care for the environment has been taken into consideration in formulating this product, wherever possible minimising the effects on the environment.

- Contains surfactants Surfactants are biodegradable in accordance with EEC requirements
 Contains solvents Solvents are biodegradable in accordance with EEC requirements

13. DISPOSAL CONSIDERATIONS

- Under "**DUTY OF CARE**" the disposal of unwanted stocks should be conducted in a safe and proper manner by authorised and consented methods
- Should spillage / Accidental release result this should be retained to prevent entry to storm water drainage system and disposed of by clause above

14. TRANSPORT INFORMATION

UN No.

IMCO / IMDG Code No. **None to state**

Packaging Class

ICAO / IATA Class

Subsidiary Risk

15. REGULATORY INFORMATION

- The Health and Safety Information on the label as required by Regulation 9 of CHIP is quoted under Section 3 Hazard Identification
- The relevant OES/MEL (if applicable) required by COSHH is stated in Section 3

IMPORTANT

- This S.D.S. contains all the necessary information to conduct a **COSHH ASSESSMENT**. This document in its own right does NOT constitute the users own assessment of workplace risk as required by Health and Safety Legislation - The Control of Substances Hazardous to Health Regulation

16. OTHER INFORMATION**PACKAGING AND CONTENTS**

TYPE	<input checked="" type="checkbox"/> H.D.P.E. <input type="checkbox"/> P.V.C. <input type="checkbox"/> METAL <input type="checkbox"/> AEROSOL <input type="checkbox"/> CARDBOARD
UNIT OF SALE	<input type="checkbox"/> 1L <input type="checkbox"/> 2L <input checked="" type="checkbox"/> 5L <input type="checkbox"/> 20L <input type="checkbox"/> 220 L <input type="checkbox"/> 750ml <input type="checkbox"/> 500ml <input type="checkbox"/> 400ml
WEIGHT (GROSS)	

TECHNICAL INFORMATION

A comprehensive Technical Information Sheet concerning recommended product usage and application is available upon request from our Sales Office.

TRAINING AND ADVICE

The Technical Staff in the Training and Advisory Centre can ensure that the correct equipment and methods are used and our consultants can provide on-site training and advice. Standard Two Day Training Courses are held regularly in Cheltenham and tailor-made courses can be arranged if necessary.

EMERGENCY TEL. N° 01492 583322

DATE OF ISSUE	Issue 4	February 2003	DATE OF REVISION	February 2003
---------------	----------------	----------------------	------------------	----------------------

The information given in this safety data sheet is given in good faith and to the best of our knowledge is correct. No liability is accepted for any loss or damage arising directly or indirectly from the use of the Company's products or from the use of the information given in this safety data sheet, in particular, financial or economic loss unless required by law.