

Material Safety Data Sheet for *SER 300*

Product Data

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

Product/Material:	Epoxide Resin
Product Description:	---
Trade Name:	SER 300
Chemical Name & Synonyms:	---
Chemical Family:	---
Name of Contact:	J.H. Bateman
Manufacturer:	Astor Stag Ltd.
Address:	Tavistock Road, West Drayton, Middlesex. UB7 7RA, UK
Emergency Telephone No. (UK)	01895 445511
Emergency Telephone No. (Europe)	(87) 74 00 06



SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

(A) Substances classified under CHIP	Bis-phenol "A"-epichlorohydrin resin with average molecular weight < 700
(Symbol letters and Risk Phrases)	(603-074-00-8) Irritant. Dangerous for the environment X _n N R36/38, 43. S28, 37/39, S61
(B) Non-classified substances	---

SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

(i) Inhalation	Low vapour pressure. Not expected to have adverse effects.
(ii) Skin Contact	Prolonged contact may cause irritation and possible sensitisation
(iii) Eye Contact	May cause irritation
(iv) Ingestion	Not expected to have adverse effects
(v) Delayed effects after Exposure	Skin sensitisation upon prolonged or regular contact

SECTION 4: FIRST AID MEASURES

(i) Inhalation	Remove from contaminated atmosphere & seek medical attention
(ii) Skin Contact	Remove contamination using proprietary resin-removing cream and wash with soap and water. If skin sensitisation has developed, no further exposure to this product should be allowed
(iii) Eye Contact	Flush with plenty of water and seek medical attention
(iv) Ingestion	Do not induce vomiting. Seek medical attention

SECTION 5: FIRE & EXPLOSION HAZARD DATA

Flash Point (°C)	N/A
Flammable Limits (% by volume)	N/A
Autoignition Temperature	N/A
Suitable Extinguishing Media	Powder, carbon dioxide or foam.
Extinguishing media that <u>must not</u> be used	Water.
Decomposition /Combustion products	Carbon monoxide, carbon dioxide, pyrolysed hydrocarbons.
Special fire fighting procedures	Do not breathe smoke. Do not discharge extinguishing media into streams, rivers or lakes.
Special Protective Fire Fighting equipment	Full-face, positive pressure, self-contained breathing apparatus and full protective clothing

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS AND LEAKS

Personal Precautions	Protective gloves and eye protection
Environmental Precautions	Prevent entering all drains, sewers and watercourses. Prevent contamination of soil
Cleaning up method	Absorb onto inert material, e.g. sand and treat as solid hazardous waste.

SECTION 7: HANDLING & STORAGE

Precautions for Safe Handling	Avoid contact with skin and eyes.
Conditions for safe Storage	Store temperature 10°C - 25°C in dry conditions

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Standard.	---
Occupational Exposure Standard	---
Precautionary Engineering Measures	---
Respiratory Protection	In confined conditions, suitable organic vapour mask
Hand Protection	Impervious gloves
Eye Protection	Glasses or goggles
Skin Protection	Protective overalls

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance	Amber viscous liquid
Odour	low resinous odour
pH	N/A
Boiling point/Boiling range (°C)	N/A
Melting point/Melting range (°C)	N/A
Flash point (°C)/Method used	N/A
Flammability limits	N/A
Autoflammability	N/A
Explosive properties	N/A
Oxidising properties	N/A
Vapour pressure (mm Hg)	N/A
Relative density (H ₂ O = 1)	1.16
Water solubility (% by weight)	Insoluble
Vapour density (air = 1)	N/A
Conductivity	N/A
Viscosity (Poise @ 25 °C)	115 - 135
Percentage volatile by volume (%)	nil
Evaporation rate (butyl acetate = 1)	N/A

SECTION 10: STABILITY & REACTIVITY

Stability / Conditions to avoid	Stable under normal conditions. Keep cool and dry
Incompatibility/Materials to avoid	Water
Hazardous decomposition Products	None expected
Hazardous Polymerisation	None expected

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous Ingredients	See Section 2
Immediate Health Effects	See Section 3
Delayed Health Effects	See Section 3
Acute Effects (short term)	See Section 3
Chronic Effects (long term)	See Section 3

Trade name or name of product: Epoxide Resin SER 300

SECTION 12: ECOLOGICAL INFORMATION

Environmentally dangerous ingredients	Epoxide Resin
Mobility	Viscous liquid
Persistence and Degradability	Contains material that can be expected not to be readily biodegradable
Bioaccumulative potential	Expected to have a high potential to bioaccumulate
Aquatic toxicity	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
Marine pollutant (IMDG code)	Yes

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of waste materials	Consult local authority. Use licensed waste disposal contractor
Disposal of waste containers	Consult local authority. Use licensed waste disposal contractor
Disposal Restrictions	Consult local authority.
Statutory Notification required	Yes

SECTION 14: TRANSPORT / LABEL INFORMATION

Designation	Use: Irritant. Contains bis-phenol "A"-epichlorohydrin resin with average molecular weight < 700. R36/38 irritating to eyes and skin R43 may cause sensitisation by skin contact R51/53 toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice S28 after contact with skin, wash immediately with plenty of soap and water. S37/39 wear suitable gloves and eye/face protection. S61 avoid release to the environment refer to special instructions / safety data sheet before use Transport - classified non hazardous
UN Number	Not classified
UN Packaging group	---
IMDG classification	Not classified
Special precautions Re carriage	None
Symbol	Use: X, Transport: none

SECTION 15: REGULATORY INFORMATION

EEC Number	Not classified
Full address	Tavistock Road, West Drayton, Middlesex. UB7 7RA. UK.
Full telephone number	01895 445511
Relevant EEC regulations	---
Relevant UK regulations	---

SECTION 16: ANY OTHER HEALTH & SAFETY INFORMATION

Training	---
Recommended uses and restrictions	See below
Source of key information used to compile SDS, CHIP regulations 1994. EH 40	

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety legislation (e.g. the Health & Safety at Work Act of 1974; the Control of Substances Hazardous to Health Regulations 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

Signed..... J.H. Bateman, Quality Assurance Manager

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Trade Name or Product/Material: Epoxide resin SEP 200