

Material Safety Data Sheet

EPOXYPACK 301

Date prepared: 18th March 1999

Date revised: 5th September 2002

0CON-185 PART A

1. Identification of the Substance/Preparation and the Company/ Undertaking

Substance or preparation trade name: **Epoxy pack 301**

Unique reference number(s): **0CON-185 (Part A)**

Company/undertaking name & address: **Logitech Ltd.,
Erskine Ferry Road, Old Kilpatrick, Glasgow
G605EU, Scotland, UK**

Telephone: **(+44) 1389 875444**

Emergency telephone number: **As above**

2. Composition

Substances:	1, 4 Butanedioldiglycidyl ether	Mixture of epichlorhydrin and Bisphenol A
Conc. % w/w:	<1-10	65-85
CAS number:	2425-79-1	025085-99-8
EC Index number:	219-371-1	
Hazard Symbols:	Xi	Xi
Risk Phrases:	R-43	

3. Hazards Identification

R-36/37/38 Irritating to eyes, respiratory system and skin.
R-43 May cause sensitisation by skin contact.
Can cause dermatitis

4. First Aid Measures

Inhalation: **Remove patient to fresh air. Seek medical attention if ill effects occur.**

Skin contact: **S-27 Take off immediately all contaminated clothing.**
S-28 After contact with skin, wash immediately with plenty of soap and water.
S-28 Do not use solvents to clear skin.

Eye contact: **S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**

Ingestion: **Seek immediate medical attention**

5. Fire-Fighting Measures

Suitable extinguishing media: **In case of fire use foam, carbon dioxide or dry agent (S43). Keep container(s) exposed to fire cool by spraying with water**

Unsuitable extinguishing media: **N/A**

Special exposure hazards in fire: **In case of fire, do not breathe fumes.**

Required special protective equipment for fire-fighters: **Wear Chemical Protection Suit and Positive-Pressure Breathing Aparatus.**

6. Accidental Release Measures

Personal precautions: **Wear suitable protective clothing, gloves and eye/face protection (S36/37/39).**

Environmental precautions: **Shut off all ignition sources. Ventilate the area.**

Methods for cleaning: **Absorb spillage in inert material and shovel up.**

7. Handling and Storage

Handling: **The usual precautions for handling chemicals should be observed. Ensure adequate ventilation. When using do not eat, drink or smoke (S20/21). Wash thoroughly after use. Eyewash bottles should be available.**

Storage: **Opened containers should be carefully resealed and stored in an upright position.**

8. Exposure Controls

Take measures to prevent: **Inhaling substance mist or fumes. Contact with skin or eyes.**

Constituent exposure limit: **1, 4 Butanedioldiglycidyl ether (see section 11).**

Respiratory protection: **Wear an NIOSH approved respirator for organic vapours whenever high level exposure to vapours or mist is anticipated.**

Hand protection: **Wear suitable protective gloves (neoprene are recommended)**

Skin protection:	<i>Wear suitable protective clothing. A suitable barrier cream should be used to protect the skin (apply before contact).</i>
Eye protection:	<i>Wear suitable eye/face protection.</i>
Hygienic work routines:	<i>DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. No eating or drinking while working with this material. Use appropriate skin cream to prevent drying of skin.</i>

9. Physical and Chemical Properties

Appearance:	<i>Liquid, clear.</i>
Odour:	<i>Mild.</i>
pH:	<i>N/A</i>
Boiling point:	<i>N/A</i>
Melting point:	<i>N/A</i>
Flashpoint:	<i>>200 deg F</i>
Closed cup / open cup	<i>Closed Cup</i>
Flammability (gas/solid):	<i>N/A</i>
Autoflammability:	<i>N/A</i>
Explosive properties:	<i>N/A</i>
Oxidising properties:	<i>N/A</i>
Vapour pressure:	<i>N/A</i>
Relative density:	<i>(air = 1) >Air</i>
Solubility (water and fat):	<i>Low g/l</i>
Other:	<i>Evaporation rate (Butyl acetate = 1) <BUAC</i>

10. Stability and Reactivity

Conditions to avoid:	<i>Overheating</i>
Materials to avoid:	<i>Decomposes with carbon oxides</i>
Hazardous decomposition products:	<i>Keep away from oxidising and reducing agents</i>

11. Toxicological Information

Concise description of toxicological properties follows, including any special health effects of constituents:

See section 2, item 2

LD50 (oral, rat) 1410 mg/kg

LD50 (skin, rabbit) 1100 mg/kg

See section 2, item 3

LD50 (oral, rat) >5000 mg/kg

LD50 (dermal, rabbit) 20,000 mg/kg

12. Ecological Information

Possible effects: **N/A**

Behaviour: **N/A**

Environmental fate: **N/A**

13. Disposal Considerations

Likely residues/waste product (if any): **N/A**

Safe handling of any residues/waste product: **Incineration by an approved method could be considered. Disposal should be in accordance with local, state or national legislation.**

14. Transport Information

Special carriage precautions in carriage (on-site or externally): **N/A**

Classification data: **Not classified as hazardous for transport.**

15. Regulatory Information

Supply label information: **Irritant**

Risk phrases: **Irritating to eyes, respiratory system and skin (R-36/37/38)
May cause sensitisation by skin contact (R-43)**

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Safety phrases:	S-24/25 <i>Avoid contact with skin and eyes.</i>
	S-26 <i>In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</i>
	S-27 <i>Take off all contaminated clothing immediately.</i>
	S-28 <i>After contact with skin, was immediately with plenty of soap and water.</i>
	S-36/37/39 <i>Wear suitable protective clothing, gloves and eye/face protection.</i>
Guidance notes:	Occupational Exposure Limits EH40 Health and Safety at Work Act 1974 CHIP for everyone HSG (126) Approved Supply List (Sixth Edition)

NOTE: THIS DATA SHEET DOES NOT CONSTITUTE A USER'S ASSESSMENT OF WORKPLACE RISK AS REQUIRED BY HSW ACT, COSHH, MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS, OR OTHER HEALTH AND SAFETY LEGISLATION.

16. Other Information

Recommendations/restrictions:	<i>The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.</i>
Use:	<i>Mounting and impregnation applications including thin rock section bonding.</i>
Sources of key data used to compile Safety Data Sheet:	<i>Croner's Hazard Information and Packaging, 3/95</i>
Abbreviations:	<i>N/E: Not established N/A: Not available</i>

The data contained in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.