

# MATERIAL SAFETY DATA SHEET

## PRODUCT: LARSEN CONSTRUCTION ADHESIVE

DATE: 03/02/03

CODE: CONST-AD

ISSUE NO. 2

PAGE: 10F3

(1) **Identification of substance/preparation and of the Company**

Product Name : LARSEN CONSTRUCTION ADHESIVE  
Company : Larsen Manufacturing Ltd., 4 West Bank Road,  
Belfast Harbour Industrial Estate, Belfast, BT3 9JL  
Telephone No. : 028 90774000

(2) **Composition/Information on ingredients**

<u>PRODUCT NAME</u>	<u>CAS No.</u>	<u>% W/W</u>	
Toluene	(108-88-3)	1-10%	Aliphatic
Solvents	-	11-60%	

(3) **Hazards Identification**

HIGHLY FLAMMABLE. HARMFUL BY INHALATION.  
Keep away from sources of ignition - NO SMOKING.  
Avoid contact with eyes.  
Take precautionary measures against static discharges.

(4) **First Aid Measures**

Inhalation: Remove patient to fresh air; keep patient warm and at rest. Seek medical attention. If breathing stops give artificial respiration and send to hospital.  
Eye Contact: Wash eyes with copious amounts of water for at least 15 minutes. Seek medical attention immediately.  
Skin Contact: Wash off excess with paper towel; cleanse with hand-cleaner and wash with soap and water.  
Ingestion: DO NOT INDUCE VOMITING; seek medical attention immediately.

(5) **Fire Fighting Measures**

Fire Extinguishing Media: Use foam, Dry powder, Carbon dioxide. Do not use water.  
Special Fire Fighting Procedures: Take precautions against static discharges; Construction Adhesive vapours will form explosive mixtures with air.  
Protective Equipment: Wear self-contained breathing apparatus as combustion will release oxides of carbon.

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### (6) Accidental Release Measures

Personal Precautions:	Avoid contact with skin or eyes; wear protective clothing and ensure adequate ventilation.
Environmental Precautions:	Do not contaminate water courses or ground. Check hollows for vapour build up.
Methods for cleaning up:	Soak up with inert absorbent (sand). Sweep up and place in sealed, labelled metal containers.

### (7) Handling & Storage

Liquefied	Safe Handling Advice:	Use and store in accordance with the Highly Flammable Liquids and Petroleum Gases Regulations 1972.
	Storage:	Store containers tightly sealed in a cool, dry location. Do not store below 10 <sup>0</sup> C.

### (8) Exposure Controls/Personal Protection

Exposure Limits:	-
Toluene:	50ppm (8 hr); 150ppm (15 min)
Aliphatic Solvents:	250ppm (8 hr)
Personal Protection:	-
Respiratory Protection:	Ensure adequate ventilation is used; if not wear a suitable mask.
Eye Protection:	Where risk of splashing occurs wear goggles.
Hand Protection:	Solvent resistant gloves.
Skin Protection:	Wear overalls and avoid contact with skin.

### (9) Physical & Chemical Properties

Physical State:	Paste
Colour:	Straw colour
Odour:	Strong solvent
pH:	Not available
Boiling Point/Boiling Range:	(Solvent) 60 <sup>0</sup> C
Melting Point/Melting Range:	N/A
Flash Point:	(Solvent) Minus 25 <sup>0</sup> C
Flammability:	Highly Flammable
Autoflammability	Solvent will form explosive mixtures with air
Explosive Properties:	Lower explosive limit - 1.5% approx.
Vapour Pressure:	N/A
Oxidising Properties:	Not known
Relative Density:	1.3
Solubility (water):	Insoluble
Solubility (fat):	Not known
Partition coefficient: n-octanol/water	Not known

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### (10) Stability & Reactivity

Conditions to Avoid:	Avoid temperatures above 30 <sup>0</sup> C.
Materials to Avoid:	Avoid oxidising agents and other highly flammable material.
Hazardous Decomposition Products:	Oxides of carbon.

### (11) Toxicological Information

Contact with skin may prove irritating.  
Paste and vapour can irritate the eyes causing redness, watering and blurred vision.  
Ingestion may give rise to nausea, abdominal pain and vomiting.  
Inhalation may result in irritation to the respiratory tract. In larger quantities this may lead to apparent intoxication followed by drowsiness, dizziness, nausea and eventual unconsciousness.  
Long term exposure may risk damage to liver and kidneys.

### (12) Ecological Information

Entry into sewers, drains or waterways should be avoided.

### (13) Disposal Considerations

Reseal containers or place in larger sealable container, adequately labelled. Dispose of only in accordance with the Control of Pollution (Special Wastes) Regulations 1980. Use only methods approved of by Local Authorities.

### (14) Transport Information

UN No. 1133	Classification	Flammable Liquid
Packing Group III	ADR Classification	3 item 5 <sup>0</sup> (C)
ADR Hin 33	IMCO Class	3 “
IMDG Page No. 3102	EMS No.	3-07
MFAG No. 311	Marine Pollutant	No.

### (15) Regularity Information

R11	-	Highly Flammable
S2	-	Keep out of reach of children
S16	-	Keep away from sources of ignition including pilot lights NO SMOKING
S3/7/9	-	Keep container tightly closed in cool, well ventilated place
S33	-	Take precautionary measures against static discharges
S51	-	Use only in well ventilated areas

### (16) Other Information

The information contained on these sheets is, to the best of our knowledge, true and accurate, but any recommendations or suggestions are made without guarantee.

