

SAFETY DATA SHEET

BLT NO RESIDUE FLUX 35-92

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME BLT NO RESIDUE FLUX 35-92
 PRODUCT NO. B3592
 SUPPLIER BLT Circuit Services Limited
 Brome Industrial Estate
 Brome, Eye
 Suffolk. IP23 7HN
 01379 870870
 01379 870970

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ORGANIC ACID		68603-87-2	1-5%	Xi;R36/38.
PROPAN-2-OL	200-661-7	67-63-0	60-100%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. F;R11. R67.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. NOTE! Keep affected person away from heat, sparks and flames!

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Rinse mouth thoroughly. Get medical attention.

SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

May explode in a fire. May develop highly toxic or corrosive fumes if heated. May travel considerable distance to source of ignition and flash back. Vapour explosion and poison hazard indoors, outdoors and in sewers.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Small quantities may be flushed to drains with plenty of water.

7 HANDLING AND STORAGE

BLT NO RESIDUE FLUX 35-92

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Lightly coloured.		
ODOUR	Odour of alcohol		
SOLUBILITY	Completely soluble in water		
BOILING POINT (°C)	82	RELATIVE DENSITY	0.81 @ 20 °c
VAPOUR PRESSURE	33.0 mmHG @ 20 °c	FLASH POINT (°C)	11
AUTO IGNITION TEMPERATURE (°C398)		FLAMMABILITY LIMIT - LOWER(%)	2.5
FLAMMABILITY LIMIT - UPPER(%)	12.7		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions. SHELF LIFE 12 MONTHS

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Prolonged or repeated contact leads to drying of skin. May cause skin irritation/eczema. EYE CONTACT. Irritating to eyes. INGESTION. May cause stomach pain or vomiting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

NOT EXPECTED TO BIOACCUMULATE, PREDICTED BCF = 1 DEGRADABILITY; BOD> 78% ThOD

EC 50, 48 Hrs, DAPHNIA, mg/l >1000mg

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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	FLAMMABLE LIQUID NOS CONTAINS ISOPROPYL ALCOHOL		
UN NO. ROAD	1993	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	2(b) PACKAGING GROUP 11
HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	2[Y]E
RID CLASS NO.	3	RID PACK GROUP	3(b)
UN NO. SEA	1993	IMDG CLASS	3
IMDG PACK GR.	II	EMS	F-E , S-E
MARINE POLLUTANT	No.	UN NO. AIR	1993
ICAO CLASS	3	AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Irritant



Highly Flammable

RISK PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REVISION DATE MARCH 2006

REV. NO./REPL. SDS GENERATED 1

SDS NO. BLT 35-92/1

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R11	Highly flammable.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R67	Vapours may cause drowsiness and dizziness.