

SAFETY DATA SHEET

SAC/ P/03/07LEAD FREE SOLDER (LFB227S)

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME SAC/ P/03/07LEAD FREE SOLDER (LFB227S)
 PRODUCT NO. 4651
 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
COPPER		7440-50-8	< 1%	-
SILVER		7440-22-4	< 1%	-
TIN		7440-31-5	60-100%	

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

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

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. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Remove victim immediately from source of exposure. 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 and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable.

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective gloves.

ENVIRONMENTAL PRECAUTIONS

PREVENT CONTAMINATION OF SOIL AND WATER. PREVENT FROM ENTERING INTO DRAINS

SPILL CLEAN UP METHODS

Scrape up spilled material and put in sealed container for disposal. Avoid contact with skin.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide good ventilation. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

SAC/ P/03/07LEAD FREE SOLDER (LFB227S)

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
TIN	WEL		0.2 mg/m3		
COPPER	WEL		0.2 mg/m3		
SILVER	WEL		0.1 mg/m3		

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Metal or metallic				
COLOUR	Grey				
ODOUR	No characteristic odour.				
MELTING POINT (°C)	227	RELATIVE DENSITY	4-6 @ 20 °c		
VAPOUR PRESSURE	Not determined				

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Not known.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

Because of quantity and composition, the health hazard is small.

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

TARGET ORGANS

No specific target organs noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

This product is not biodegradable

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

WASTE PRODUCT SHOULD BE DISPOSED OF VIA REGISTERED WASTE DISPOSAL COMPANY

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL NOT CLASSIFIED IN RID/ADR OR IATA

No transport warning sign required.

ADR CLASS

Not classified for transportation. MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC

Not classified.

SAFETY PHRASES

NC

Not classified.

16 OTHER INFORMATION

REVISION DATE MARCH 2006

REV. NO./REPL. SDS GENERATED 2

SDS NO. LFB227S/16/2