

# HEALTHY & SAFETY DATA SHEET

## 1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT NAME: SILICONE RELEASE SPRAY  
PRODUCT CODE: AB25  
INTENDED USE: RELEASE AGENT/LUBRICANT  
SUPPLIED BY: CONSTRUCTION CHEMICALS UK LTD  
75 TOWN GREEN ST  
ROTHLEY  
LEICESTER  
LE7 7NW TEL 0116 230 1955

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS NO	HAZARD	RISK	% WEIGHT
Aliphatic Hydrocarbon solvent blend	64742-89-8	None	None	>50
Butane	106-97-8	None	None	10-25
Propane	74-98-6	None	None	10-25
Silicone Oil	63148-62-9	None	None	5-10

## 3 HAZARD IDENTIFICATION

Eye Contact: Irritating to eyes.  
Skin Contact: Slight skin irritant. Prolonged or repeated contact can cause dermatitis  
Inhalation: High levels of vapour/mist may cause dizziness.  
Ingestion: Accidental ingestion is an unlikely event.

## 4 FIRST AID MEASURES

FIRST AID  
EYE CONTACT Contact lenses should be removed. Irrigate with dean water for several minutes ensuring the water reaches the comers and under both eyelids if irritation persists - medical attention.

SKIN CONTACT Remove contaminated clothing Wash affected parts with soap and water. Do not use solvents or thinners if irritation persists seek medical attention.

INHALATION: Remove person to fresh air, keep the patient warns and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. if unconscious, place in the recovery position and seek medical advice.

INGESTION: If accidentally swallowed, obtain medical advice. Keep at rest. Do NOT induce vomiting

## 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Alcohol resistant foam; CO<sub>2</sub>; powder; water spray/mist.  
DO NOT USE - Water jet.  
SPECIAL FIRE FIGHTING PROCEDURES - Fire exposed containers should be sprayed with water to lessen risk of explosion.  
UNUSUAL FIRE AND EXPOSURE HAZARDS: Fire will produce dense black smoke containing combustion products which may be a health risk. Appropriate self contained breathing apparatus may be required. Run off from fire must not enter drains.

## 6 ACCIDENTAL RELEASE MEASURES/DISPOSAL CONSIDERATIONS

Procedures for leaks or spillage: Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in section 7 & 8. Contain and collect spillages with non-combustible absorbent materials, e.g sand, earth vermiculite, diatomaceous earth and place ins suitable container for disposal in accordance with waste regulations (see section 13). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. Do not allow to enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

## 7 HANDLING AND STORAGE

Handling: Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.  
Use only in areas from which all sources of heat, sparks and open flames have been excluded. Avoid inhalation of vapour and spray mist.  
Smoking eating and during should be prohibited in areas of use and storage.

Storage: Store below 50 Deg.C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking Observe the label precautions. Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	OES~MEL	8lir TWA	10min STEL
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Aliphatic Hydrocarbon solvent blend  
Butane OES

OES  
600ppm

400ppm (sup) -  
750ppm

Engineering Measures Respiratory Protection: Provide adequate ventilation to ensure the airborne concentration of substance to which an OEL/MEL has been assigned is below that OEL/MEL (Occupational Exposure Standard/Maximum Exposure Limit).

Respiratory Protection: Air-fed respiratory equipment should be worn when this products sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational exposure limit and engineering controls and measures cannot reasonably be improved.

Hand Protection: When skin exposure may occur, advice may be sought from the glove suppliers on appropriate types Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

Eye Protection: Eye protection designed to protect against liquid splashes should be worn.

Skin Protection: Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.  
(sk) denotes product can be absorbed through skin.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Aerosol
APPEARANCE/ODOUR:	Colourless/hydrocarbon
pH:	n/a
BOILING POINT/BOILING RANGIE:	71 deg C
MELTING POINT/MELTING RANGE:	<0 deg C
FLASH POINT:	-40 deg C
FLAMABILITY: LEL	0.8% (% vol in air @ 25 deg C_)
UEL	9.0
AUTOFLAMABILITY:	>230 deg C
EXPLOSIVE PROPERTIES:	none
OXIDISING PROPERTIES:	none
CAN PRESSURE:	2.75 bar
RELATIVE DENSITY:	n/a
VOC CONTENT:	57g/100ml
SOLUBILITY-WATER:	insoluble
SOLUBILITY-SOLVENT:	soluble in aliphatic hydrocarbons
<u>OTHER DATA:</u>	

## 10 STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS REACTIONS	Keep away from oxidizing agents, sulphuric and nitric acids. Avoid naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition.
INCOMPATIBILITY: (Materials to avoid)	Oxidising agents, strong acids, strong alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

## 11 TOXICOLOGICAL INFORMATION

INGREDIENT	LD50(Animal/oral) >5WKg(Rat)
Aliphatic Hydrocarbon solvent blend	
There is no data on the product itself	
Exposure to organic solvent vapours may result in adverse effects on the renal and central nervous systems. Symptoms can include headache, dizziness, fatigue, muscular weakness, drowsiness and in the extreme cases, loss of consciousness. Aliphatic hydrocarbon solvent in this product will cause temporary irritation to eyes. Irritation to skin caused by its defatting action may lead to dermatitis. Inhalation of high concentrations of vapour will produce headache, nausea and vomiting and in extreme cases coma. Ingestion will produce nausea and vomiting, diarrhoea, drowsiness and pulmonary oedema.	

## 12 ECOLOGICAL INFORMATION

There is no data on the product itself.  
The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product  
Aliphatic hydrocarbon solvent in this product has low bio-accumulation potential is not acutely toxic to aquatic organisms and has good biodegradability.

## 13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act. Using the information provided in this data sheet advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.

## 14 TRANSPORT INFORMATION

CCCN	3403 99 90
UN NO	1950
IMDG	9022
CLASS	9
ICAO/IATA	
RID/ADR	

#### 15 REGULATORY INFORMATION

LABEL FOR SUPPLY	EXTREMELY FLAMMABLE
RISK PHRASES	None
SAFETY PHRASES	2: Keep out of the reach of children. 16: Keep away from sources of ignition. 23: Do not breath vapour/spray. 51: Use only in well ventilated areas.

Regulatory references The Chemicals (Hazard Information and Packaging) Regulations 1993

#### 16 OTHER INFORMATION

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations. It does not constitute the users own assessment of workplace risks as required by other health & safety legislation. The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to this product at work.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of the product are outside the suppliers control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

OES/MEL values are obtained from the current issue of EH40 unless indicated thus (Sup) when a value has been obtained from the supplier.

Further information and advice can be found in the following publications:

The Control of substances Hazardous to Health Regulations 1988 (SI 1988: 1657). The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839)> Storage of Packaged Dangerous substances, HS(G)7 1

The Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972 (SI 1972:917) Storage of Flammable Liquids in Containers, HS(G)5 1

Date of issue 01/10/95

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based in the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. For further information contact the office.