

Material Safety Datasheet for Sol-Debond

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Material & Description:	Bar Bond Break Compound
Trade Name:	Sol-Debond
Chemical Name & Synonyms:	None.
Manufacturer:	Solco.
Address:	Unit 51, Portmanmoor Road Ind Est, Ocean Park, Cardiff, CF24 5HB.
Emergency Telephone Number:	+ 44 (0)808 1686927.

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Contains: White Spirit

Xn: R65-66 N: 51/53 CAS 64742-82-1 Index No. 649-330-00-2 EC 265-185-4

SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

This product should be handled in accordance with good industrial hygiene and safety practices.

Inhalation:	Excessive inhalation can cause nausea and headaches, intoxication and Unconsciousness.
Skin contact:	Prolonged contact will de-fat and dry the skin and may lead to irritation And dermatitis.
Eye contact:	Will cause extensive smarting and irritation.
Ingestion:	May cause irritation to the digestive tract and mouth causing vomiting and abdominal pain. Lung damage may be caused if swallowed.

SECTION 4: FIRST AID MEASURES

Inhalation:	If inhalation of mist fumes or vapour causes irritation to the nose or throat or coughing remove to fresh air. If symptoms persist obtain medical advice.
Skin contact:	Wash skin thoroughly using soap and water. Remove contaminated clothing. Apply skin cream.
Eye contact:	Rinse with plenty of water for at least 10 minutes and seek medical attention If symptoms persist.
Ingestion:	Give plenty of milk or water. Seek medical attention. Do Not Induce Vomiting

SECTION 5: FIRE AND EXPLOSION HAZARD DATA.

Extinguishing media:	Use carbon dioxide, earth, sand, foam or dry powder
Not to be used:	Direct water jet. (Use water only to keep fire exposed containers cool)
Protection of fire fighters:	Fire resistant clothing and self contained breathing apparatus is recommended for fires in confined spaces and poorly ventilated areas.

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS.

Environmental precautions:

Contain and collect spillage with help of absorbent materials such as floor granules. Protect drains from potential spills to minimise contamination.

Store away from sources of strong heat sparks and open flames and strong oxidising chemicals.

If spillage enters drains call Environment Agency Emergency hotline on 0800 807060

Product waste should be disposed of according to item 13.

SECTION 7: HANDLING AND STORAGE.

Storage conditions:

Store away from sources of strong heat sparks, open flames and strong oxidising Chemicals. Keep containers tightly closed in a cool dry, well ventilated place. Take precautionary measures to prevent spills into drains, soil or water. External Tanks or spillage should be banded. Avoid direct sunlight and extremes of Humidity.

Recommended storage temperature: 5°C to 40°C

Storage life: 12 months min. in original containers.

Warehousing Class: B1(c)

Handling:

Precautions should be taken against skin and eye contact.

Avoid inhalation of Vapour mist or fume. Wear safety shoes when handling containers. When Handling protective clothing should be worn including impervious & eye protection.

Do not wear contaminated clothing.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION.

Engineering Measures:

Ensure good ventilation. Use protective equipment and/or local ventilation when needed. Avoid skin contact and inhalation of oil mist.

Exposure Values:

Comply with current local occupation exposure limit. It is recommended that mineral oil mists be kept below 600m/gm/m³ (8hr T.W.A.value) EH40

Protection & Hygiene:

Wash hands before breaks and immediately after handling the product. Thoroughly clean contaminated skin and change dirty clothing and equipment.

Respiratory Protection:

Oil mist: respirator
(combined particle and organic vapour filter type A2/P2)

Hand Protection:

Protective gloves. For further information consult glove manufacturer.

Eye Protection:

Safety goggles if there is a risk of splashing.

Skin Protection:

Protective clothing when needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

Appearance @ 20°C:	Black mobile liquid
Odour:	Paint-like
Boiling point range °C:	>150
Viscosity:	Low Viscosity Emulsion
Density @ 15.6°C:	0.90 – 0.93
Flash point (Abel)	39°C

SECTION 10: STABILITY AND REACTIVITY.

Hazardous Reactions:	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use. Incompatible with strong acids, alkalis, halogens and oxidising agents
Thermal Decomposition:	This material is combustible
Hazardous Decomposition:	Carbon monoxide, carbon dioxide and oxides of sulphur.

SECTION 11: TOXICOLOGICAL INFORMATION.

Eyes:	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
Skin:	Unlikely to cause harm to the skin on brief or occasional contact but prolonged or repeated exposure may lead to dermatitis.
Inhalation:	At normal ambient temperatures is unlikely to cause inhalation hazard because of low volatility.
Ingestion:	Unlikely to cause harm if accidentally swallowed in small doses, though larger quantities may cause nausea and diarrhoea.
Acute Toxicity:	The refined components used in this formulation are of low order of toxicity.

SECTION 12: ECOLOGICAL INFORMATION.

Degradability:	Inherently but not readily biodegradable.
Bio accumulation:	There is evidence to suggest bio-accumulation will occur.
Aquatic toxicity:	Harmful to aquatic organisms, any cause long-term adverse effects in the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

Disposal operations:	Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.
Disposal of packaging:	Any special regulatory disposal status or provisions applicable to the product may also apply to empty containers or packaging if they contain, or are impaired with residual material.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT / LABEL INFORMATION.
ADR/RID:

UN no: 1263
 ADR Class: 3
 Packing group: III
 Classification code: F1
 Shipping name: Paint or paint related material
 Marine Pollutant: Yes
 Hazard ID no: 3


SECTION 15: REGULATORY INFORMATION.
Hazard Symbols:

Risk Phrase:

R10: Flammable.. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R51/53 Toxic to aquatic organisms, may cause long-term effects in the aquatic environment
 R65: Harmful, May cause long damage if swallowed.
 R66: Repeated exposure may cause skin dryness or cracking

Safety Phrase:

S2: Keep out of reach of children.
 S23: Do not breathe vapours/spray.
 S24: Avoid contact with skin.
 S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S29/56: Do not empty into drains, dispose of this material and container at hazardous or special waste collection points.
 S46: If swallowed seek medical advice immediately and show the container or label.
 S51: Use only in well-ventilated areas.
 S60: This material and its container must be disposed of as hazardous waste.
 S62: If swallowed do not induce vomiting. Seek medical advice immediately and show the container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations.

SECTION 16: ANY OTHER HEALTH AND SAFETY INFORMATION.
Training:

All operatives using this material must receive proper training with regard to the health and safety aspects relating to it.

Recommended uses and restrictions:

Use only in conjunction with appropriate industrial practice.

Sources of information used to compile MSDS:

Various, further information available by special request.

NOTE: The information contained in this Material Safety Data Sheet does not constitute the user's own assessment of workplace risk as required by other Health and Safety legislation. The data given here is based on current knowledge and experience and may be updated as new information becomes available. The purpose of this Material Safety Data Sheet is to describe the product in terms of its safety requirements. The data does not signify any warranty with regard to its properties. It is the user's responsibility to satisfy himself as to the completeness and suitability of such information for his own particular use.