

COSHH DATA SHEET



ENVIROGRAF®

HS062-07-2015

Product Number: 62

Silicone Sealant

DESCRIPTION

Supplied as a one-part, ready-to-use, flexible, halogen free Silicone sealant, which reacts with atmospheric moisture to form a durable, flexible seal. Neutral curing system; almost odourless. Compatible with water based and solvent based paints, no plasticizer migration. Non-corrosive to metals. Primerless adhesion to most materials.

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

- (Appendix 31) Silicone Sealant

*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 31
SIL SILICONE SEALANT

July 2015. Issue 2

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: Silicone Sealant
MANUFACTURER/SUPPLIER: Envirograf
ADDRESS: Envirograf House, Barfrestone, Dover, Kent, CT15 7JG
TELEPHONE/FAX/EMAIL: 01304 842555 01304 842666 sales@envirograf.com
EMERGENCY PHONE NUMBER: 01304 842555 (Monday to Friday 8.30 – 5.30)

2. HAZARDS IDENTIFICATION

RISK TO MAN AND THE ENVIRONMENT: None Known

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NATURE: Mixture of Polydimethylsiloxanes, Organic oils, Fillers and Cross Linkers

HAZARDOUS COMPONENTS:

Name	EC No.	CAS No.	Conc. Range	Symbol	R-Phrases
Distillates, petroleum hydrotreated	265-149-8	64742-47-8	20% - <25%	Xn	R65
Methyl Trimethoxysilane	214-685-0	1185-55-3	3% - <5%	XI, F	R11, 36/38
Aminofunctionel Oligosiloxane		749886-39-3	1% - <3%	C	R34
Methanol	200-659-6	67-56-1	0.25% - <0.50%	F, T	R11, 23/24/25, 39

4. FIRST AID MEASURES

INHALATION: Move to fresh air in case of accidental inhalation of vapours

SKIN CONTACT: After contact with skin, remove product mechanically. Wash off with soap and water.

EYE CONTACT: Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist

INGESTION: Rinse mouth, seek medical assistance if necessary

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: All standard extinguishing agents are suitable

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECUATIONS: Ensure adequate ventilation. Use personal protective equipment

METHODS FOR CLEANING UP: Use mechanical handling equipment. Shovel into suitable container for disposal

7. HANDLING AND STORAGE

ADVICE ON SAFE HANDLING: Methanol is formed during processing. Wear personal protective equipment
REQUIREMENTS FOR STORAGE: Keep containers tightly closed in a dry, cool and well ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HAND PROTECTION ADVICE: There is no risk to health due to contact with the product. Use hand protection to prevent mechanical injuries

EYE PROTECTION: Safety glasses with side-shields

HYGIENE MEASURES: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When handling, do not eat drink or smoke

PROTECTIVE MEASURES: Wear suitable gloves and eye/face protection

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Form: Pasty

Colour: Translucent and pigmented white, black, grey

Odour: Alcoholic

SAFETY DATA

Density: Ca.0.99g/cm³

Solubility / Qualitative: Insoluble

Viscosity, Kinematic: >7mm²/s at 40°C

Miscibility with Water: Non miscible (<10%)

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No decomposition if stored and applied as directed

FURTHER INFORMATION: Reacts with water, liberating a small amount of Methanol

11. TOXICOLOGICAL INFORMATION

HUMAN EXPERIENCE: Our experience shows that our Silicone Elastomer products can be handled without risk to health if used properly and if the usual precautions for industrial hygiene are observed

12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION: Ecotoxicological data for this product is not available.

13. DISPOSAL CONSIDERATIONS

PRODUCT: According to local regulations, can be taken to an appropriate incinerator equipped with exhaust gas cleaning.

CONTAMINATED PACKAGING: Dispose of as unused product

14. TRANSPORT INFORMATION

FURTHER INFORMATION: This product is not regarded as dangerous goods according to the National and International regulations on the transport of dangerous goods. Protect against water. Keep away from foodstuff, acids and bases. Keep away from odour sensitive materials.

15. REGULATORY INFORMATION

LABELLING ACCORDING TO CHEMICALS (HAZARD INFORMATION AND PACKAGING FOR SUPPLY) REGULATIONS 2002 – CHIP3.1: 1999/45/EC

FURTHER INFORMATION: Not a hazardous substance or preparation according to EC directives 67/548/EEC or 1999/45/EC. This product does not need to be labelled in accordance with EC directives or respective National Laws.

16. OTHER INFORMATION

R-phrases which are listed in Section 2:

R11	-Highly Flammable
R23/24/25	-Toxic by inhalation, in contact with skin and if swallowed
R34	-Causes burns
R36/38	-Irritating to eyes and skin
R39/23/24/25	-Toxic, danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R65	-Harmful, may cause lung damage if swallowed

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations. 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 use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
