

SAFETY DATA SHEET



ENVIROGRAF®

HS115-Stoveseal-11-2018

Product Number: 115 Stoveseal

Description:

A ready-mixed, ready-to-use, finely-ground putty substance which remains flexible until cured.

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

- *(Appendix 45)* Stoveseal (SSC)

*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 45

Stove Seal

Issue 3 11th September 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 PRODUCT NAME: Stove Seal (SSC)
1.2 USE: A silicate based adhesive/sealant with high temperature resistance for filling, sealing and adhering
1.3 MANUFACTURER/SUPPLIER: Envirograf
ADDRESS: Envirograf House, Barfrestone, Dover, Kent, CT15 7JG
TELEPHONE/FAX/EMAIL: 01304 842555 01304 842666 sales@envirograf.com
1.4 EMERGENCY PHONE NUMBER: 01304 842555 (Office hours only)

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

2.1.1 Regulation EC 1272/2008
Physical and chemical hazards: Not classified
Human Health: Not classified
Environment: Not classified

2.2 Label elements

2.2.1 Regulation EC 1272/2008
Signal word: None
Hazard statements: None
Precautionary statements: P280 – wear protective gloves/protective clothing/ eye protection/face protection
P302+352 – IF ON SKIN: wash with plenty of soap and water
P305+351+338 – IF IN EYES: rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+313 –If skin irritation occurs: get medical advice/attention.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures

Ingredients	CAS No.	EC No.	REACH registration No.	Classification According to Reg. (EC) 1278/2008 (CLP)	% W/W
Silic acid, sodium salt (MR>3.2)	1344-09-8	215-687-4	01-2119448725-31-xxxx	Skin irrit. 2 – H315 Eye irrit. 2 – H319 STOT SE 3 – H335	10 – 20%
Clay cont. <10% Respirable silica	N/A	934-756-6 (silica)	Not applicable	STOT RE 2	15 – 25%

The classification of the ingredient silicic acid, sodium salt is based on the powder form
*for full text of Hazard statements see section 16.

4. FIRST AID MEASURES

4.1 General: In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognised skin cleaner. DO NOT USE SOLVENT OR THINNERS. If irritation persists seek medical advice.

Eye Contact: Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes holding eyelids apart, and seek medical advice.

Ingestion: If accidentally swallowed wash mouth with water and give large volumes of water to drink. DO NOT induce vomiting. Seek medical attention

Inhalation: Remove to fresh air.

4.2 Most important symptoms and effects

Skin contact: Prolonged contact may cause redness, irritation and dry skin

Eye contact: May effect vision and cause serious eye damage

Ingestion: Possible discomfort

5. FIRE-FIGHTING MEASURES

The product is 'non-flammable'.

5.1 Extinguishing Media: Foam, CO₂, powder, water spray/mist.

5.2 Special Hazards: None. Aqueous product – non-combustible

5.3 Advice for firefighters: Do not allow run off from firefighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions and protective equipment: Avoid skin and eye contact. Wear personal protective equipment.

6.2 Environmental precautions: Do not allow to enter drains or water courses

6.3 Method for containment and clean up: Contain and collect spillages and place in a suitable container for disposal in accordance with waste regulations (See Section 13)

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited during use. For personal protection see Section 8

The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in section 9 to give the net weight of product in kg.

7.2 Precautions for safe storage: Keep containers closed when not in use. Observe label precautions - Store between 5°C and 25°C in a dry well-ventilated place away from sources of heat. Protect from frost. Keep out of reach of children. Store separately from oxidising agents & strongly acidic materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

EXPOSURE LIMITS:

Substance	Occupational Exposure Limits				Notations
	8 hr LTEL (1)		15 min STEL(2)		
	ppm	mgm ⁻³	ppm	mgm ⁻³	
Respirable Silica		0.1			«OEL68hour»
«OEL615min»		«OEL6notes»			(1) Long-term exposure limit - 8 hour time weighted average.

(2) Short-term exposure limit - 15 mins time weighted average.
(S) Occupational Exposure Standard (OES)
(M) Maximum Exposure Limit (MEL)
(R) Recommended by suppliers
(A) Allocated limits by analogy with similar materials
(SK) Risk of absorption through unbroken skin
(Sen) Capable of causing sensitisation by inhalation

8.2 Exposure controls:

Engineering Measures: Provide adequate ventilation during application and drying

Respiratory equipment: If ventilation is insufficient suitable respiratory protective equipment must be worn.

Skin & Hand protection: Wear suitable protective clothing and plastic or rubber gloves

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

Hygiene measures: When using do not eat, drink or smoke. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Viscous paste
Odour	Odourless
Flash point	>100°C
Specific gravity	«specgrav»
Solubility	miscible with water
pH	10-11

10. STABILITY AND REACTIVITY

10.1 Reactivity: No data available

10.2 Chemical stability: Stable under normal temperature and storage conditions

10.3 Possibility of hazardous reactions: Slurry of the product in prolonged contact can react with aluminium, zinc, tin or their alloys evolving hydrogen. Can react generating large amount of heat in contact with strong acids

10.4 Conditions to avoid: See Section 10.3

10.5 Incompatible materials: See Section 10.3

10.6 Hazardous decomposition products: None known

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological effects: There is no data on the product itself.

The product has been assessed according to regulation (EC) 1272/2008 and is not classified as toxic

Ingestion: May cause discomfort if swallowed. May cause stomach pain.

Skin contact: Irritating to skin

Eye contact: Risk of serious damage to eyes.

Sensitisation: Not sensitizing.

STOT: Not classified

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity: Not regarded as dangerous for the environment

12.2 Persistence and degradability: The product is inorganic and is not biodegradable

12.3 Bio accumulative potential: The product is not bio accumulating.

12.4 Mobility in soil: Not mobile

12.5 Results of PBT and vPvB assessment: Not classified as PBT / vPvB

12.6 Other adverse effects: Not available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Dispose of this material as hazardous or special waste in accordance with local or national requirements.

14. TRANSPORT INFORMATION

This product is not covered by international regulation on the transport of dangerous goods

14.1 UN number: Not applicable

14.2 Proper shipping name: Not applicable

14.3 Transport hazard class: Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not classed as marine pollutant

14.6 Special precautions for users: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical (Hazard Information and Packaging for Supply) (Amendment) Regulations 2009
Control of Substances Hazardous to Health Regulations 1999
Environment Act 1995
Management of Health and Safety at Work Regulations 1999
Personal Protective Equipment at Work Regulations 1992
Special Waste Regulations 1996 as amended

HEALTH AND SAFETY EXECUTIVE GUIDANCE NOTES

HS(G)37 An Introduction to Local Exhaust Ventilation
EH40 Occupational Exposure Limits
EH44 Dust: General Principles of Protection
HS(G)53 The Selection, Use and Maintenance of Respiratory Protective Equipment
HS(G)71 Storage of Packaged Dangerous Substances
HS(G)193 COSHH Essentials: easy steps to control chemicals
L23 Manual Handling Guidance on Regulations

BRITISH STANDARDS PUBLICATIONS

EN420: General Requirements for Gloves
EN166: Personal Eye Protection: Specifications
BS2092: Eye Protection for Industrial and Non-Industrial Users
BS4275: Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment

15.2 Chemical safety assessment

16. OTHER INFORMATION

Full text of H statements (section 3)

H315: causes skin irritation
H319: causes serious eye irritation.
H335: may cause respiratory irritation

Full text of other statements

STOT SE 3: Specific target organ toxicity – single exposure category 3

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of (EC) Regulation 1272/2008 (CLP). The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the suppliers 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 application.