



Material Safety Data Sheet Haogenplast PVC seam sealer

1. Identification of the Substance/Preparation and of the Company / Undertaking

MSDS compliant with regulations – (EC) No 1907/2006 (REACH), (EC) No 1272/2008 (CLP)

1.1: Identification of the substance/mixture and of the company/undertaking

Product Identifier.....	preparation
Reach Registration number.....	No information available
Product name.....	Haogenplast PVC seam sealer
EC-No.	N/A
Formular.....	N/A

1.2: Relevant identified uses of the substance or mixture and uses advised against

Identified uses	industrial
Main use category.....	industrial

1.3: Company/undertaking identification

Supplier.....	Haogenplast LTD
Address.....	Israel Kibbutz Haogen
Company telephone number.....	+972-9-8980100
Company fax number.....	+972-9-8988880
Company contact person.....	Nir Bak
E-mail.....	nir@haogenplast.co.il

Emergency telephone number.....	+972-50-6808066
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2. Hazards Identification

2.1. Classification of the substance or mixture

This substance is classified as dangerous

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Flam. Liq. 2 Eye Irrit. 2 STOT SE 3

Classification according to EU Directives 67/548/EEC or 1999/45/EC

2.2. Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram.....



Signal word..... Danger

Hazard statement(s)

H225

Highly flammable liquid and vapour

H335

May cause respiratory irritation



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H319
H351

Causes serious eye irritation
Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Precautionary statement(s)
P210

Keep away from heat/sparks/open flames/hot surfaces - No smoking

P233
P303 + P361 + P353

Keep container tightly closed.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403 + P235

Store in a well-ventilated place. Keep cool.

P261

Avoid breathing dust/fume/gas/mist/vapours/spray.

P271

Use only outdoors or in a well-ventilated area.

P405
P280

Store locked up.
Wear protective gloves/protective clothing/eye protection/face protection.

2.3. Other hazards - none

3. Composition/Information on Ingredients

3.1 Mixtures

Synonyms flammabale liquid
Formula Mixture
Molecular Weight N/A

Dangerous Component		Classification	concentration
TETRAHYDROFURAN			
CAS-No.	109-99-9	H225, H335, H319, H351	60-85%
EC-No.	203-726-8		
Annex I number	603-025-00-0		
4,5-Dichloro-2-octyl-2H-isothiazol-3-one			
CAS-No.	64359-81-5	H302, H330, H314, H317, H400	0.1-0.3%
EC-No.	264-843-8		
Annex I number			

For the full text of the H-Statements mentioned in this Section, see Section 16



4. First-Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye Contact.....	Immediately flush eyes for a minimum of 15 minutes, occasionally lifting the lower and upper lids. Get medical attention promptly.
Skin Contact.....	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Inhalation.....	Remove exposed person to fresh air using protective equipment. If breathing has stopped, perform artificial respiration. Get medical attention promptly
Ingestion.....	Do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. Call physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Very hazardous in case of eye contact (irritant). Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation. Inflammation of the eye is characterized by redness, watering, and itching.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

None known.



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5.3 Advice for firefighters

Explosive in the form of vapor when exposed to heat or flame. Vapor may travel considerable distance to source of ignition and flash back. When heated to decomposition it emits acrid smoke and irritating fumes. CAUTION: MAY BURN WITH NEAR INVISIBLE FLAME

5.4 Further information

N/A

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13)

6.4 Reference to other sections

For disposal see section 13.

7. Handling And Storage

7.1. Handling

Handling..... Handle in fully grounded, properly designed and approved containers and equipment systems. Control temperature in shipping and handling to recommended levels. Keep away from welding operations, sparks, flames or other ignition sources. No smoking or open flame in storage, use or handling areas. Provide local and general exhaust ventilation to effectively remove and prevent build up of any heated vapours or mists generated from the handling of this product. Avoid skin and eye contact. Wear suitable protective equipment including impervious gloves and eye protection. After



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Handling temperatures..... handing, always wash hands thoroughly with soap and water.
5-30°C

7.2. Storage

Storage..... Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Empty containers may contain product residue, which could produce flammable or explosive vapours. Properly labelled containers. Storage temperature 5-30°C for 6 month

7.3. special use(s) and requirements

Product transfer/packing requirement..... While loading, unloading, tank gauging, etc., remain upwind. Request assistance of safety and industrial hygiene personnel to determine air concentrations. Know the location of eye wash stations and safety showers.
Recommended materials..... No information available
Unsuitable materials..... No information available

8. Exposure Controls / Personal Protection

8.1 Control parameters

Components with workplace control parameters

Exposure Limits:
Chemical name: tetrahydrofuran
ACGIH: 50 ppm 8hrs/TWA, 100ppm 15 min/STEL
OSHA: 200 ppm 8hrs/TWA

8.2 Exposure controls

Personal Protective Equipment:

Hand, Skin and Eye protection..... Wear protective clothing for normal operations like coveralls, flame retardant clothing (with legs over boots), gloves. Safety glasses, chemical goggles or face shield as appropriate.
Respiratory Protection..... No information available



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Body Protection Complete suit protecting against chemicals, Flame retardant antistatic protective clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

9. Physical And Chemical Properties

9.1. General information

Appearance..... Form: liquid
Colour..... varied
Odour..... no data available

9.2. Important health, safety and environmental information

Initial boiling point and boiling range..... no data available
Flash point..... -18°C - closed cup (tetrahydrofuran)
Auto-ignition temperature..... 321°C (609.8°F) (for etrahydrofuran)
Upper/lower flammability or explosive limits Upper explosion limit: 11,8 %(V) (for etrahydrofuran)
Lower explosion limit: 2, %(V) (for etrahydrofuran)
Explosion pressure..... no data available
Vapour pressure..... no data available
Relative evaporation rat..... no data available
Density..... No information available
Solubility in water..... no data available
n-octanol/water partition coefficient (log pow)..... no data available
Dynamic viscosity..... 1000cp
Surface tension..... no data available
Volatile organic carbon content..... no data available
Molecular mass..... No information available
PH..... no data available

10. Stability And Reactivity

10.1 Reactivity

no data available

10.2 Chemical stability



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This material is stable when handled and stored at recommended temperatures.

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to Avoid

Heat, flames and sparks. . Extremes of temperature and direct sunlight.

10.5 Incompatibilities with Other Materials

no data available

10.6 Hazardous Decomposition Products

no data available

10.7 Hazardous Polymerization

Under normal conditions of storage and use, hazardous polymerization will not occur.

11. Toxicological Information

Acute toxicity – oral..... no data available

Acute toxicity – derma..... no data available

Acute toxicity – inhalation..... no data available

11.1. Effects and symptoms

Symptoms/injuries after skin contact..... Hazardous in case of skin contact (irritant)

Symptoms/injuries after inhalation..... irritant

Symptoms/injuries after eye contact..... Very hazardous in case of eye contact (irritant).

Carcinogenicity no data available

11.2. Other information

Hazchem code..... 3YE

Potential health effects no data available

12. Ecological Information

12.1. Ecotoxicity..... Toxic to aquatic life with long lasting effects

12.2. Environmental Fate..... no data available

12.3. Physical/Chemical..... no data available

12.4. Bio accumulative potential..... no data available

13. Disposal Considerations

13.1. Ecological aspects

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Ecological general..... No information available

13.2. Disposal instructions

Waste disposal..... The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.
Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Product disposal..... Disposal of this product, solutions and any byproducts should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Container/package disposal..... Containers or liners may retain some product residues. These material containers must be disposed of in a safe way. Dispose empty container via a licensed waste disposal contractor.

Disposal precautions..... Use Personal Protective Equipment as per Para 8.

13.3. EU and local legislation

ISRAELI legislation - Licensing of Businesses Regulations (Disposal of Hazardous Wastes), 1990.
EU - Directive 91/689/EEC on hazardous waste

14. Transport Information

DOT Classification..... UN1133, ADHESIVES, CLASS 3, PGII
ADR..... UN1133, ADHESIVES, CLASS 3, PGII
IMDG Code..... UN1133, ADHESIVES, CLASS 3, PGII
ICAO..... UN1133, ADHESIVES, CLASS 3, PGII



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15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

15.2. Chemical Safety Assessment

no data available

15.3. Compliancy additional legislation

ISRAELI legislation - Hazardous Substances Law, 1993, Licensing of Businesses Regulations (Disposal of Hazardous Wastes), 1990, Hazardous Substances Regulations (Import and Export of Hazardous Wastes), 1994, Licensing of Businesses Regulations (Hazardous Industrial Plants), 1993, transport services law, 1997, Licensing of Businesses Regulations (oil storage), 1976.

16. Other Information

Text of H-code(s) mentioned in Section 3

H225 - Highly flammable liquid and vapour

H335 - May cause respiratory irritation

H319 - Causes serious eye irritation

H351 - Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Reach references.....	Not registered
Revision date.....	19.4.2017
Revision information.....	New Addition
Other information.....	Not available

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