

Super Seal™ Sealant

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Super Seal™ Sealant

OTHER MEANS OF IDENTIFICATION:

944KIT-GB, 947KIT-GB, 948KIT-GB

RECOMMENDED USE OF THE CHEMICAL:

HVAC/R sealant additive

RESTRICTIONS ON USE:

Any applications other than those specified above

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MANUFACTURED FOR:

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(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Flammable Liquid, category 3
Sensitization – Skin, category 1
Eye Damage, category 1

HAZARD SYMBOL(S):



SIGNAL WORD: Danger

HAZARD STATEMENT(S)

- H226 Flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.

PRECAUTIONARY STATEMENT(S)

- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P241 Use explosion-proof equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharge.
- P261 Avoid breathing vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear eye protection.

RESPONSE

- P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P333+313 If skin irritation or rash occurs: Get medical advice.
- P321 Specific treatment (see FIRST AID section on this label).
- P362+364 Take off contaminated clothing and wash it before reuse.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a POISON CENTRE.
- P370+378 IN CASE OF FIRE: Use carbon dioxide, dry chemical, or sand to extinguish.
- P501 Dispose of container in accordance with local regulations.

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HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

This product does not contain substances identified as PBT or vPvB.

This product does not have a workplace exposure limit.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	EC No.	CAS No.	WT%	GHS CLASSIFICATION(S)
Vinyltrimethoxysilane	220-449-8	2768-02-7	5-10	Skin Sens 1b
N-(3-(trimethoxysilyl)propyl) ethylenediamine	217-164-6	1760-24-3	5-10	Eye Dam 1; Skin Sens 1b; Acute Tox 4(inh); STOT-SE 3(resp)

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with Regulation EC No. 1272/2008 (CLP). Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

Immediately flush eyes with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

MOST IMPORTANT SYMPTOMS:

Eye exposure may cause permanent damage.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek immediate medical attention if in eyes as exposure may cause permanent eye damage.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

Water stream.

SPECIFIC HAZARDS:

Not determined.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

Residues from spills can be diluted with water. Absorb caustic residue in clay, vermiculite, or other inert substance and package in suitable container for storage.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES:

None known.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

SPECIFIC END USE:

HVAC/R sealant additive.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Vinyltrimethoxysilane

TWA

n/a

STEL

n/a

NATION

UK

N-(3-(trimethoxysilyl)propyl) ethylenediamine

n/a

n/a

UK

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is required. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Glove and hand protection is recommended. Wear gloves suitable for chemical protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is recommended.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is recommended.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid.	ODOR:	Ethereal.
pH:	Not determined.	ODOR THRESHOLD:	Not determined.
MELTING POINT:	Not determined.	BOILING POINT:	Not determined.
FLASHPOINT:	30°C.	EVAPORATION RATE:	Not determined.
FLAMMABILITY:	Not determined.	UPPER EXPLOSIVE %:	Not determined.
VAPOR PRESSURE:	Not determined.	LOWER EXPLOSIVE %:	Not determined.
VAPOR DENSITY:	Not determined.	RELATIVE DENSITY:	0,95 g/cm ³ @ 25°C.
SOLUBILITY:	Not determined.	PARTITION COEFFICIENT:	Not determined.
AUTO-IGNITION:	Not determined.	DECOMPOSITION TEMP:	Not determined.
VISCOSITY:	Not determined.	OXIDIZING PROPERTIES:	Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: May react with water.	CHEMICAL STABILITY: Chemical is anticipated to be stable in normal storage conditions.
HAZARDOUS REACTIONS: Not determined	CONDITIONS TO AVOID: Heat, sources of ignition, direct sunlight, etc.
INCOMPATIBLE MATERIALS: Not determined.	HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES: Oral – Not toxic. Dermal – Not toxic. Inhalation – >20,0 mg/L	SKIN CORROSION/IRRITATION: Contains no ingredient(s) applicable to this category.
SENSITIZATION: Respiratory: Contains no ingredient(s) applicable to this category. Skin: May cause allergic skin reaction.	EYE DAMAGE/IRRITATION: Will cause permanent eye damage.
REPRODUCTIVE TOXICITY: Contains no ingredient(s) applicable to this category.	GERM CELL MUTAGENICITY: Contains no ingredient(s) applicable to this category.
ASPIRATION HAZARD: Contains no ingredient(s) applicable to this category.	CARCINOGENICITY: Contains no ingredient(s) applicable to this category.
SYMPTOMS RELATED TO CHARACTERISTICS: Not determined.	SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: May cause respiratory irritation.
DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE: Not determined.	SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Contains no ingredient(s) applicable to this category.

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SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – Not hazardous to aquatic life.
 Fish – Not hazardous to aquatic life.
 Crustacea – Not hazardous to aquatic life.

MOBILITY IN SOIL:

Not determined.

RESULTS OF PBT and vPvB ASSESSMENT:

Not identified as a PBT or vPvB substance.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:

Offer empty containers to recyclables.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SEWAGE DISPOSAL:

Do not dispose of mixture via sewage.

SPECIAL PRECAUTIONS FOR WASTE TREATMENT:

Not determined.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:



UN PROPER SHIPPING NAME: Flammable Liquid, n.o.s.
 Triethylorthofomate Mixture

HAZARD CLASS: 3

PACKAGING GROUP: III

ENVIRONMENTAL HAZARD: No

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top.
 Keep in original containers.

UN NUMBER: UN1993
LTD QTY: <5 L

SECTION 15. REGULATORY INFORMATION

EC No 1005/2009: Not determined.

EC No 850-2004: Not determined.

Directive 79/117/EEC: Not determined.

Special Regulations for mixture: None known.

Chemical safety assessment: Not assessed.

REACH Registration: Contact the responsible party listed in Section 1.

SECTION 16. OTHER INFORMATION

REVISION: 1

REVISION DATE: June 2023

REVISION PURPOSE:

SDS Creation

Super Seal™ Sealant

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SDS AUTHORED BY:

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