

Material Safety Data Sheet (91/155/EEC)

Date: 03.02.2011
Last Revised: 01.01.2010
Ref: 0103.8/AR(DR)

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1. Product and company information

Commercial product name: **SX Small Gap Filler (80ml & 300ml)**

Supplier: Siroflex Ltd, Dodworth Business Park, Dodworth Barnsley S75 3SP, telephone: 01226 771600, facsimile: 01226 771601

Emergency phone: 01226 771600

Email: technical@siroflex.co.uk

2. Hazards identification

Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Highly flammable. Irritating to eyes.

Classification: Xi;R36. F;R11. R66, R67

3. Composition/information on ingredients

Chemical composition

Name	CAS No.	EINECS Nr	Classification	Content
Acetone	67-64-1	200-662-2	F; R11 Xi:R36 R66 R67	10-30%
Butanone	78-93-3	201-159-0	F; R11 Xi:R36 R66 R67	30-60%

The full text for all R Phrases are displayed in Section 16

Composition Comments: Acrylic resin and vinyl resin with auxiliaries in solvent mixture.

4. First aid measures

<u>Inhalation:</u>	Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. Keep the affected person warm and at rest. Get prompt medical attention.
<u>Ingestion:</u>	DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Immediately rinse mouth and provide fresh air. Get medical attention immediately! NOTE! Keep affected person away from heat, sparks and flames!
<u>Skin contact:</u>	Remove affected person from source of contamination. Remove contaminated clothing. Use resin removing cream. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.
<u>Eye contact:</u>	Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids, continue to rinse for at least 15 minutes. Contact physician if irritation persists.

5. Fire fighting measures

<u>Extinguishing media:</u>	Fire can be extinguished using foam, dry chemicals, sand, dolomite etc.
<u>Special firefighting procedures:</u>	Move container from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.
<u>Unusual fire & explosion hazards:</u>	HIGHLY FLAMMABLE! Vapours are heavier than air and may spread near ground to sources of ignition.

6. Accidental release measures

<u>Personal Precautions:</u>	Wear appropriate protective clothing. Avoid inhalation of vapours and contact with skin and eyes.
<u>Precautions to Protect Environment:</u>	Do not allow to enter drains, sewers or watercourses.
<u>Spill Clean Up Methods:</u>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Provide ventilation and confine spill. Do not allow run off to sewer. Absorb in vermiculite, dry sand or earth and place into containers.

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7. Handling and storage

Usage Precautions:

Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion proof electric equipment. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

Storage precautions:

Store in tightly closed original container in a cool, dry well-ventilated place.

Storage Criteria:

Flammable liquid storage.

8. Exposure controls and personal protection

<u>Ingredient Name</u>	<u>Std</u>	<u>LT - ppm</u>	<u>LT – mg/m³</u>	<u>ST – ppm</u>	<u>ST – mg/m³</u>
Acetone	WEL	500 ppm	1210 mg/m ³	1500 ppm	3620 mg/m ³
Butanone	WEL	200 ppm (Sk)	600 mg/m ³	300 ppm (Sk)	899 mg/m ³ (Sk)

Ingredient Comments

WEL = Workplace Exposure Limits

Engineering Measures

Explosion-proof general and local exhaust ventilation.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator. Chemical respirator with organic cartridge and full facepiece.

Hand Protection

Use protective gloves made of Butyl Rubber P.T.F.E (Teflon)

Eye Protection

Wear approved safety goggles

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eye wash station.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9. Physical and chemical properties

Appearance:

Liquid, viscous

Colour:

White

Odour:

Ketonic.

Solubility:

Slightly soluble in water

Relative Density:

1.00 @ 20°C

Viscosity:

250-350 Ps @ 20°C

Flash point:

-4°C

Auto Ignition Temp:

500 °C

Flammability Limit – Lower %

1.9

Flammability Limit – Upper %

11

10. Stability and reactivity

Stability:

Stable under normal conditions.

Conditions to avoid:

Avoid heat. Avoid contact with oxidisers or reducing agents.

Hazardous Decomp. Products:

Fire creates: Vapours/ gases/ fumes of: Carbon monoxide (CO), Carbon Dioxide (CO₂), Oxides of Nitrogen.

11. Toxicological information

Toxic Dose 1 – LD 50

Butanone – 3400mg/kg (oral rat)

Inhalation:

Vapours may cause drowsiness. Solvent vapours are hazardous and may cause nausea, sickness and headaches.

Ingestion:

May cause stomach pain or vomiting.

Skin:

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eyes:

Irritation of eyes and mucous membranes.

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12. Ecological information

There are no data on the ecotoxicity of this product.
LC50, 96 HRS, FISH mg/l N/D

13. Disposal considerations

Disposal Methods: Dispose of in accordance with Local Authority requirements

14. Transport information

UN No Road: 1133
ADR Class No: 3
ADR Class: Class 3: Flammable liquids
ADR Label No: 3
Hazard No. (ADR): 33
Hazchem Code: 3(Y)E
Proper Shipping Name: Adhesives containing flammable liquid
RID Class No: 3
UN No Sea: 1133
IMDG Class: 3
IMDG Pack GR: II
EMS No: 3-05
MFAG Table No: 330
UN No. AIR: 1133
ICAO Class: 3
Air Pack GR: II

15. Regulatory information

Symbol: F, Highly flammable. Xi, Irritant



Risk phrases: R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Safety phrases: S16 Keep away from sources of ignition – No Smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37 Wear suitable gloves
S51 Use only in well ventilated areas
S60 This material and its container must be disposed of as hazardous waste.

Statutory Instruments: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Guidance Notes: Occupational Exposure Limits EH40. CHIP for everyone HSG(108)

16. Other information

R-Phrases (Full Text): R11 Highly flammable, R36 Irritating to eyes, R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.