



SAFETY DATA SHEET
(SDS) 1907/2006 EC

Date of release: 28/03/2018

Date of last release 22/02/2018

1. IDENTIFICATION OF SUBSTANCE & COMPANY IDENTIFICATION

Product : 1965 Gap Filler & Sealant Toffee Brown

Use: Solvent and resin based gap filler for UPVC primarily in white although; other colours are available

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2. HAZARDS IDENTIFICATION

Classification of the substance of mixture

Classification (REGULATIONS) (EC) No 1272/2008)

Flammable liquids, Category 2

Eye irritation, Category 2

Specific target organ toxicity – single

Exposure, Category 3

H225: Highly flammable liquid and vapour

H319: Causes serious eye irritation

H336: May cause drowsiness or dizziness

Classification (67/548/EEC, 1999/45/EC)

Highly flammable

Irritant

Label Elements

Labelling (REGULATION (EC) No. 1272/2008)



Hazard pictograms

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Signal word	Danger
Hazard statements	H225: Highly flammable liquid and vapour H319: Causes serious eye irritation H336: May cause drowsiness or dizziness
Precautionary statements	PREVENTION P201: Obtain special instructions before use P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking P233: Keep container tightly closed P261: Avoid breathing mist or vapours P280: Wear protective gloves/protective clothing/eye protection /face protection RESPONSE P370 + P378: In case of fire: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

EMERGENCY OVERVIEW

Clear/coloured liquid. Highly flammable which may form explosive peroxides.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Constituents : A blend of resins, solvents, silica and UV stabiliser.

Hazardous ingredients :	CAS No	EINECS No	%w/w (Range)	Classification (EC 1272/2008)	Classification (67/548/EEC)
M.E.K	78-93-3	201-159-	46%	Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F R11 Xi R36
Silica Dioxide	7631-86-9	231-545-4	15%	STOT RE 2 – H373	Xn; 48/20
Resin	9003-22-9		38%	Skin Irrit. 2 - H315	Xn;R48/20
UV Stabiliser	1843-05-6	217-421-2	<1%	Skin Irrit. 2 - H315 STOT RE 1 - H373	Xn;R48/20
Total VOC content	<40% ww				

4. FIRST AID

GENERAL ADVICE: In case of accident or if you feel unwell seek medical advice immediately. First aider needs to protect himself.

Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

IF INHALED: If breathed in move person into fresh air. If symptoms persist call a doctor. Keep patient warm and at rest. If not breathing give artificial respiration. If breathing is difficult give oxygen.

INCASE OF SKIN CONTACT: Immediately flush skin with soap and plenty of water. Do not use anything else except water. If irritation persists please call a doctor.

INCASE OF EYE CONTACT: Protect unharmed eye. If easy to do so remove contact lens. If in contact with eyes rinse immediately with plenty of water and seek medical advice.

IF SWALLOWED: Seek medical advice and if possible show container or label. DO NOT induce vomiting. If person vomits when lying on their back place them in the recovery position.

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5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide (CO₂), dry chemical, alcohol-resistant foam, water mist, earth or sand.

UNSUITABLE EXTINGUISHING MEDIA: High volume water jet.

SPECIFIC HAZARDS DURING FIRE FIGHTING: Do not use a solid water stream as it may scatter and spread.

SPECIAL FIRE FIGHTING PROCEDURES: In the event of a fire wear self contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment. Remove all sources of ignition. Avoid contact with skin and eyes. Ensure good ventilation especially in confined areas. Immediately remove people to safe areas. Avoid inhalation of vapour or mist. Also beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS: Do not flush into surface water or sewer system. Prevent further leakage of spills if safe to do so. If the product should leak into rivers, lakes or drains inform the authorities.

SPILLAGE, LEAK AND CLEANING PROCEDURES: Contain and collect spillage with either sand or earth. Place in container for disposal. Clean contaminated surfaces thoroughly.

7. HANDLING AND STORAGE

HANDLING: Do not breathe in vapours or spray mist. Avoid contact with eyes and skin. Prevent the creation of flammable or explosive vapour in the air. Take precautionary measures against static discharges. Handle with care.

PROTECTION AGAINST FIRE AND EXPLOSION: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures in the air. Keep away from heat and sources of ignition. Do not smoke. No sparking tools should be used. Electrical equipment should be protected.

8 PERSONAL PROTECTION

Avoid inhaling vapour. Avoid contact with skin and eyes. Eye baths should be provided in places where exposure may be possible. Wear chemical resistant goggles, solvent resistant gloves (neoprene or nitrile rubber). Impervious boots and polycotton overalls. If high vapour concentrations are present, self contained breathing apparatus, or full-face respirator with organic cartridge NPF20. Ensure good ventilation. Exposure may be possible.

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Methyl ethyl ketone	200 ppm TWA 300 ppm STEL	200 ppm TWA; 590 mg/m ³ TWA 3000 IDLH	200 ppm TWA; 590 mg/m ³ TWA

OSHA Vacated PELs: Methyl ethyl ketone: 200 ppm TWA; 590 mg/m³ TWA; 300 ppm STEL; 885 mg/m³ STEL

Personal Protective Equipment

Eyes: Wear chemical goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149.

Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

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8.2 EXPOSURE CONTROLS cont

Provide adequate ventilation.

Execute works under fume hood.

Personal protection equipment

Occupational exposure controls

Respiratory protection:

Respiratory protection must be worn whenever the WEL levels have been exceeded. Use filter type A (= against vapours of organic substances) according to EN 14387. Hand protection: Protective gloves according to EN 374. Glove material: Butyl caoutchouc (butyl rubber) Layer thickness: 0.7 mm. Breakthrough time: >240 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Toffee brown paste

STATE OF MATTER: Liquid

ODOUR : High odour

pH: N/A

DENSITY : 1.240

SOLUBILITY IN WATER: Solvent is miscible

FLASH POINT : (Closed cup) -15 degrees C

AUTO IGNITION TEMPERATURE: 515 degrees C

FLAMMABILITY LIMITS: LEL 1.25% (v/v) UEL 11.5% (v/v)

THERMAL DECOMPOSITION TEMPERATURE: Not established

BOILING POINT : 80 degrees C

MELTING POINT: - 86°C

KINEMATIC VISCOSITY: 20.5mm²/s

OXIDISING PROPERTIES : N/A

VAPOUR PRESSURE : N/A

VOLATILE CONTENT BY WEIGHT : <40% ww

10. STABILITY AND REACTIVITY

REACTIVITY : No data available

CHEMICAL STABILITY : The product is chemically stable

POSSIBILITY OF HAZARDOUS REACTIONS: Stability: No decomposition if stored and applied as directed

Vapours may form explosive mixture with air.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBLE MATERIALS: Oxidizing agents, peroxides

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Irritating to eyes and respiratory tract, may cause systemic effects: narcosis, nausea and headaches. Skin: Can be absorbed through skin, chronic exposure may cause dermatitis. Ingestion: harmful, nausea, dizziness. Repeated exposure to high concentrations, damaging to liver and nervous system.

RTECS#: CAS# 78-93-3: EL6475000 LD50/LC50: CAS# 78-93-3: Draize test, rabbit, skin: 500 mg/24H Moderate; Draize test, rabbit, skin: 402 mg/24H Mild; Inhalation, mouse: LC50 = 32 gm/m³/4H; Inhalation, rat: LC50 = 23500 mg/m³/8H; Oral, mouse: LD50 = 4050 mg/kg; Oral, rat: LD50 = 2737 mg/kg; Skin, rabbit: LD50 = 6480 mg/kg;

Carcinogenicity: CAS# 78-93-3: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information available.

Teratogenicity: Embryo or Fetus: fetotoxicity, ihl-rat TCLo=1000 ppm.

Specific Developmental Abnormalities: craniofacial and urogenital, ihl-rat TCLo=3000 ppm/7H; musculoskeletal, ihl-rat TCLo=1000 ppm.

Reproductive Effects: No information available.

Neurotoxicity: No information available.

Mutagenicity: Sex chromosome loss/non-disjunction: S. cerevisiae 33800 ppm.

Other Studies: See actual entry in RTECS for complete information.

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12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute aquatic, fish Value: > 100 mg/l Method of testing: LL/EL/IL50

Acute aquatic, algae Value: > 100 mg/l Method of testing: LL/EL/IL50

Acute aquatic, Daphnia Value: > 100 mg/l Method of testing: LL/EL/IL50

12.2. Persistence and degradability

Degradation half life Lättnedbrytbart. 100% bryts ned på 28 dygn OECD 301D.

Comments, BOD BOD5/COD: 0,66-0,87

Persistence and degradability Log Pow: 0,61

2.3 Bioaccumulative potential

Bioaccumulative potential Will not bio-accumulate.

12.4. Mobility in soil Mobility

The product is not water soluble

12.5. Results of PBT and vPvB assessment

PBT assessment results This substance is not classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects / Remarks None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: In accordance with local and national regulations. Do not dispose of waste into sewer. This material and its container must be disposed of as hazardous waste. Do not dispose with household waste. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

CARRIAGE CLASSIFICATION: Flammable Liquid

PACKING GROUP: II

ADR/RID: 3

U.N. No: 1133

IMO CLASS: 3.1

HAZCHEM CODE: 3(Y) E

15. REGULATORY INFORMATION

This safety data sheet is provided in compliance with the European REACH Directive (1097/2006/LC) and is in agreement with the GHS (Global Harmonised System) for the classification and labelling of Dangerous Chemical

This safety data sheet is distributed solely for the purpose of the Health and Safety at Work Act 1974. Included under this heading is article 10

Of directive 88/379/FFC

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