

SAFETY DATA SHEET - SPIRIT GUM

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

Product Name / Code:	Spirit Gum - SFX0200112
REACH:	N/A
Application of Substance:	Traditional adhesive used on beards and wigs for theatre and the opera. It's great for sticking on pre-made latex prosthetics to create nasty/scary injuries and effects. Comes in a 12 ml bottle. The top has a brush.
Company:	Flints Theatrical Chandlers Ltd Unit 9 Deptford Trading Estate Blackhorse Road SE8 5HY
Telephone:	+44 (0) 20 7703 9786
Email:	sales@flints.co.uk

Telephone operated from 08:30 - 17:30 Monday to Friday, 09:00 - 14:00 Saturday.
In an emergency, seek advice from a medical professional.

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008:



GHS02 flame: Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS07: Eye Irrit. 2 H319 Causes serious eye irritation.

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.



GHS02



GHS07

Signal Word: Danger

Hazard-determining components of labelling: Ethanol

Hazard Statements: H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.

FLINTS

Theatrical Chandlers

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Precautionary Statements:

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P305+P351+P338 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Results of PBT and vPvB assessment: N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation: Mixture of substances listed below with non-hazardous additions.

Dangerous Components:

CAS: 78-93-3 EINECS: 201-159-0	butanone	Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	0.1-0.5%
CAS: 64-17-5 EINECS: 200-578-6	ethanol	Flam. Liq. 2, H225 Eye Irrit. 2, H319	40-50%

4. FIRST AID MEASURES

Eyes: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin: N/A

Ingestion: Do not induce vomiting; call for medical help immediately.

Inhalation: Supply fresh air; consult doctor in case of complaints.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media: Water with full jet.

Special Hazards: Carbon monoxide (CO).
Can form explosive gas-air mixtures.

Protective Equipment: Wear self-contained respiratory protective device.
Wear fully protective suit.

Additional Measures: Cool endangered receptacles with water spray.

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Keep away from ignition sources.
Environmental Precautions:	Do not allow to enter sewers / surface or ground water.
Containment and Cleaning Up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

7. HANDLING AND STORAGE

Safe Handling Precautions:	Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
Fire and Explosion Protection:	Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture.
Storage:	Store in a cool location. Store away from foodstuffs. Store in cool, dry conditions in well-sealed receptacles. Storage Class 3 A.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control Parameters:

Ingredients with limit values that require monitoring at the workplace:

64-17-5 ethanol (45-50%):	WEL Long-term value: 1920 mg/m ³ , 1000 ppm
78-93-3 butanone (0.1-0.5%):	WEL Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600mg/m ³ , 200 ppm, Sk, BMGV

Ingredients with biological limit values:

78-93-3 butanone (0.1-0.5%):	BMGV 70 µmol/L, Medium: urine, Sampling time: post shift, Parameter: butan-2-one
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For commercial / industrial application the following precaution should be applied. The lists valid during the making were used as basis.

Personal Protective Equipment:

General and Hygienic:	The usual precautionary measures are to be adhered to when handling chemicals. Avoid contact with the eyes. Do not inhale gases / fumes / aerosols. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.
Respiratory Protection:	Not necessary if room is well-ventilated.
Hands Protection:	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eyes Protection:	 Tightly sealed goggles

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fluid. Light brown.
Odour:	Alcohol-like. Threshold: 93 ppm (49-716 ppm); 178 mg/m ³
pH:	Not determined
Melting Point / Range:	-114.5°C
Boiling Point / Range:	78°C
Flash Point:	12°C
Flammability:	Solid, gaseous. Not applicable.
Ignition Temperature:	425°C. Self-igniting not determined.
Explosion Danger:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion Limits:	Lower: 3.5 Vol % Upper: 15 Vol %
Decomposition Temperature:	Not determined.
Vapour Pressure:	59 hPa at 20°C (room temperature)
Density:	0.79014 g/cm ³ at 20°C (room temperature)
Solubility:	1 g/l at 20°C (room temperature)
Partition Coefficient:	Not determined.
Viscosity:	Not determined.
Solvent Content:	Organic Solvents 45-50%. VOC (EC) 45-50%.

10. STABILITY AND REACTIVITY

Thermal Decomposition:	No decomposition if used according to specifications.
Hazardous Reactions:	Forms explosive gas mixture with air. Reacts with acids, alkalis and oxidising agents.
Conditions to Avoid:	Keep ignition sources away - Do not smoke. Keep away from heat and direct sunlight.
Incompatible Materials:	Reacts with strong acids and oxidising agents. Alkali metals.
Hazardous Decomposition Products:	Hydrogen.

11. TOXICOLOGICAL INFORMATION**Acute Toxicity: LD/LC50 values relevant for classification:**

64-17-5 ethanol:	Oral: LD50 2000 mg/kg (rat) (OECD Prüfrichtlinie 401) Inhalative: LC50/4 h > 20 mg/l (rat) Irritation of skin: LD50 > 2000 mg/kg (rabbit) (OECD Prüfrichtlinie 402))
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Primary Irritant Effects: Repeated exposure may cause skin dryness or cracking. Irritating effect on eyes. Skin sensitising effect through inhalation is possible by prolonged exposure.

12. ECOLOGICAL INFORMATION

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment: N/A

13. DISPOSAL INFORMATION

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Waste disposal key: Abfallschlüssel gemäß VeVA-Code: S 20 01 13 Lösungsmittel(Schweiz)
European waste catalogue: 20 01 13* solvents

Recommended cleansing agents: Alcohol

14. TRANSPORT INFORMATION

ADR, IMDG, IATA: UN1993

ADR: 1993 Flammable Liquid, N.O.S. (Ethanol (Ethyl Alcohol), Ethyl Methyl Ketone (Methyl Ethyl Ketone)).

IMDG: Flammable Liquid, N.O.S. (Ethanol (Ethyl Alcohol), Ethyl Methyl Ketone (Methyl Ethyl Ketone)).

IATA: Flammable Liquid, N.O.S. (Ethanol, Ethyl Methyl Ketone (Methyl Ethyl Ketone)).

Hazard Class for ADR, IMDG, IATA:



Class: 3 Flammable Liquids. Label: 3

Packing Group: II

Marine Pollutant: No

Special Precautions: Warning: Flammable Liquids.

Danger Code (Kemler): 33

EMS Number: F-E, S-E

MARPOL 73/78 and the IBC Code: N/A

ADR: Limited quantities (LQ): 1 L
Transport category: 2
Tunnel restriction code: D/E

UN "Model Regulation": UN1993, Flammable Liquid, N.O.S. (Ethanol (Ethyl Alcohol), Ethyl Methyl Ketone (Methyl Ethyl Ketone)), 3, II.

15. REGULATORY INFORMATION

Directive 2012/18/EU:

Qualifying quantity (tonnes) for the application of lower-tier requirements: 5.000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 50.000 t

Limitation of Use: Employment restrictions concerning juveniles must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.

A Chemical Safety Assessment has not been carried out.

16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

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