

### SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

#### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>1.1 Product identifier</b>	Product Name	G-99 Tack Cloth
	Product Code(s)	Not available
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Identified use(s)	Cleaning and preparation of aircraft surfaces Product is for professional use only Must not be used by persons under the age of 18, except when adult supervision is available.
	Uses advised against	None
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	Company Identification	Alexander Fraser and Son Trading Ltd, t/as Fraser's Aerospace 185-187 High Road Chadwell Heath Romford Essex RM6 6NR United Kingdom
	Telephone	+44 (0)20 8597 8781
	E-Mail (competent person)	jason.english@alex-fraser.co.uk
<b>1.4 Emergency telephone number</b>	Emergency Phone No.	+44 (0)20 8597 8781 (08.00 – 17.00 GMT Monday - Friday)

#### 2. SECTION 2: HAZARDS IDENTIFICATION

##### 2.1 Classification of the substance or mixture

- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC

##### 2.2 Label elements



- 2.2.1 Label elements
- GHS Product Identifier
- Hazard Pictogram

According to Regulation (EC) No. 1272/2008 (CLP)





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<p>Signal word(s) Hazard statement(s)</p> <p>Precautionary statement(s)</p>	<p>Warning</p> <p>H315: Causes skin irritation. H319: Causes serious eye irritation. H411: Toxic to aquatic life with long lasting effects. P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P271: Use only in a well-ventilated area. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection. P302 + P352: IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P501: Dispose of contents/container to: hazardous waste site. According to Directive 67/548/EEC &amp; Directive 1999/45/EC</p>
<p><b>2.2.2 Label elements</b> Hazard Symbol</p>	<div style="display: flex; justify-content: space-around;">   </div>
<p>Risk Phrases</p> <p>Safety Phrases</p>	<p>R36/38: Irritating to eyes and skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. S2: Keep out of the reach of children. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28: In case of contact with skin wash immediately with plenty of soap and water. S37/39 - Wear suitable gloves and eye/face protection. S51: Use only in well ventilated areas. S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.</p>
<p><b>2.3 Other hazards</b> <b>2.4 Additional Information</b></p>	<p>None None</p>



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**3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixtures**

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Butyl Benzyl Phthalate	3.5	85-68-7	201-622-7	Not available	Rep. 1B, H360df Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Butylphenol Diphenylphosphate	3.5	56803-37-3	260-391-0	Not available	Acute Tox. 4, H332 Aquatic Acute 1, H400
Triphenyl Phosphate	2 - 3	115-86-6	204-112-2	Not available	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Butyl Benzyl Phthalate	3.5	85-68-7	201-622-7	Not available	T, Rep. Cat. 2, R61 T, Rep. Cat. 3, R62 N, R50/53
Butylphenol Diphenylphosphate	3.5	56803-37-3	260-391-0	Not available	Xn, R22 N, R50
Triphenyl Phosphate	2 - 3	115-86-6	204-112-2	Not available	N, R50/53

**3.3 Additional Information**

For full text of H/P phrases see section 16. For full text of R/S phrases see section 16.

Butyl Benzyl Phthalate (CAS 85-68-7) is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)

#### 4. SECTION 4: FIRST AID MEASURES



##### 4.1 Description of first aid measures

Inhalation

Remove persons affected by vapour to fresh air.  
For those providing assistance, avoid exposure to yourself or others.  
If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.  
If breathing is irregular or has stopped, administer artificial respiration.

Skin Contact

Remove contaminated clothing and wash affected skin with water. Wash contaminated clothing before reuse.  
Eyes should be washed with plenty of water. Get immediate medical attention.

Eye Contact

Ingestion

Wash out mouth with water. Do not induce vomiting. If symptoms persist, obtain medical attention.

##### 4.2 Most important symptoms and effects, both acute and delayed

Itching, pain, redness, and swelling of skin.

##### 4.3 Indication of immediate medical attention and special treatment needed

Pain, irritation, watering and redness of the eyes.

No specific data.

#### 5. SECTION 5: FIRE-FIGHTING MEASURES

##### 5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish with dry chemical, foam, water spray, or carbon dioxide.

Unsuitable Extinguishing Media

Straight streams of water

##### 5.2 Special hazards arising from the substance or mixture

Harmful to aquatic life with long lasting effects.  
Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: carbon oxides.

##### 5.3 Advice for fire-fighters

Evacuate area. If a leak or a spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop a leak. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel



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**6. SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment.
<b>6.2 Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>6.3 Methods and material for containment and cleaning up</b>	Adsorb spillages onto sand, earth or any suitable adsorbent material.
<b>6.4 Reference to other sections</b>	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
<b>6.5 Additional Information</b>	None

**7. SECTION 7: HANDLING AND STORAGE**

<b>7.1 Precautions for safe handling</b>	Avoid contact with skin and eyes. Avoid breathing fumes. Avoid ingestion. Avoid inhalation of vapours. Use only with adequate ventilation. Keep away from heat and sources of ignition. Keep container tightly closed. Wear protective gloves/clothing and eye/face protection.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Temperature	Store between 0°C to 25°C
Storage Life	2 years
Incompatible materials	Oxidising agents.
<b>7.3 Specific end use(s)</b>	For use on aircraft only

**8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1 Control parameters</b>	
<b>8.1.1 Occupational Exposure Limits</b>	Not established
<b>8.1.2 Biological limit value</b>	Not established
<b>8.1.3 PNECs and DNELs</b>	Not established
<b>8.2.1 Appropriate engineering controls</b>	
<b>8.2.2 Personal protection equipment</b>	
Eye/face protection	Wear chemical safety glasses with side shields, or splash-proof goggles.
	
Skin protection (Hand protection/ Other)	Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and list of glove types.
	

Respiratory protection



If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.

Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations

None Known

See sections 6,7,12,13

Thermal hazards

**8.2.3 Environmental Exposure Controls**

**9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

Appearance	Cotton cloth
Colour	White
Odour	Slight
Odour Threshold (ppm)	No data available
pH (Value)	Not applicable
Melting Point (°C) / Freezing Point (°C)	No data available
Boiling point/boiling range (°C):	Not applicable
Flash Point (°C)	Not applicable
Evaporation rate (Butyl Acetate = 1)	Not applicable
Flammability (solid, gas)	Not applicable
Explosive limit ranges.	Not applicable
Vapour Pressure (mm Hg)	Not applicable
Vapour Density (Air=1)	Not applicable
Density (g/ml)	Not applicable
Solubility (Water)	Not applicable
Solubility (Other)	Not applicable
Partition Coefficient (n-Octanol/water)	Not applicable
Auto Ignition Temperature (°C)	Not applicable
Decomposition Temperature (°C)	Not applicable
Viscosity (mPa.s)	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
<b>9.2 Other information</b>	None



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### 10. SECTION 10: STABILITY AND REACTIVITY

<b>10.1 Reactivity</b>	Stable under normal conditions of use
<b>10.2 Chemical stability</b>	Stable under normal conditions.
<b>10.3 Possibility of hazardous reactions</b>	See 10.5
<b>10.4 Conditions to avoid</b>	Avoid all sources of ignition including heat, sparks and open flames. Prevent vapour accumulation.
<b>10.5 Incompatible materials</b>	Oxidising agents.
<b>10.6 Hazardous Decomposition Product(s)</b>	Hazardous decomposition products are not expected to form during normal storage. Thermal decomposition is dependent on conditions. A complex mixture of airborne solids, liquids and gases including carbon oxides will be evolved when this material undergoes combustion or thermal or oxidative degradation.

### 11. SECTION 11: TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>11.1.2 Mixtures</b>	
Acute toxicity	No data available
Irritation	No data available
Corrosivity	No data available
Sensitisation	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Toxicity for reproduction	Butyl Benzyl Phthalate (CAS 85-68-7) is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)
<b>11.2 Other information</b>	None

### 12. SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and VPVB assessment</b>	No data available
<b>12.6 Other adverse effects</b>	None



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**13. SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	<p>Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.</p> <p>Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.</p>
<b>13.2 Additional Information</b>	None

**14. SECTION 14: TRANSPORT INFORMATION**

<b>14.1 Land transport (ADR/RID)</b>	
UN number	Not regulated
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Hazard label(s)	
Environmental hazards	
Special precautions for user	
Additional Information	
<b>14.2 Sea transport (IMDG)</b>	
UN number	Not regulated
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Hazard label(s)	
Marine Pollutant	
Special precautions for user	
Additional Information	
<b>14.3 Air transport (ICAO/IATA)</b>	
UN number	Not regulated
Proper Shipping Name	
Transport hazard class(es)	
Packing Group	
Hazard label(s)	
Environmental hazards	
Special precautions for user	
Additional Information	
<b>14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable





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### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	1907/2006 – REACH 1272/2008 – CLP 67/548/EEC – DSD 199/45/EC – DPD 648/2004/EC - Detergents Directive 98/8/EC - BPD
<b>15.1.1</b>	<b>EU regulations</b> Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
<b>15.1.2</b>	<b>National regulations</b>	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
<b>15.2</b>	<b>Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out for this product.

### 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

#### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
DNEL	Derived No Effect Level
PNEL	Predicted No Effect Concentration
RCP	Reciprocal Calculation Procedure

**References:** Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate.

#### Risk Phrases and Safety Phrases

R22: Harmful if swallowed  
R36/38: Irritating to eyes and skin.  
R50: Very toxic to aquatic organisms.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R61: May cause harm to the unborn child.  
R62: Possible risk of impaired fertility.

S2: Keep out of the reach of children.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28: In case of contact with skin wash immediately with plenty of soap and water.  
S37/39 - Wear suitable gloves and eye/face protection.  
S51: Use only in well ventilated areas.  
S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.



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**Hazard statement(s) and Precautionary statement(s)**

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H360df: May damage fertility or the unborn child.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P271: Use only in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P501: Dispose of contents/container to: hazardous waste site.

**Additional Information**

This Safety Data Sheet has been produced from information supplied by the formulators of the product, and Information contained in this publication or as otherwise supplied to users is believed to be accurate and is given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. Fraser's Aerospace gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Fraser's Aerospace accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.