



American Fiber & Finishing, Inc.

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

- 1.1 Product identifier**
Product Name G-99 Tack Cloth
Product Code(s) Not available
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
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
- 1.3 Details of the supplier of the Safety Data Sheet**
Company Identification American Fiber & Finishing, Inc.
225 North Depot Street
Albemarle, NC 28001
USA

Telephone (704) 983-6102
E-Mail (competent person)
- 1.4 Emergency telephone number**
Emergency Phone No.

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 According to Regulation (EC) No. 1272/2008 (CLP)
GHS Product Identifier
Hazard Pictogram





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Signal word(s)	Warning
Hazard statement(s)	H315: Causes skin irritation. H319: Causes serious eye irritation. H351: Suspected of causing cancer. H360: May damage fertility or the unborn child. H411: Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	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 & Directive 1999/45/EC
2.2.2 Label elements	
Risk Phrases	R36/38: Irritating to eyes and skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety Phrases	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.
2.3 Other hazards	None
2.4 Additional Information	None



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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)



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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.

Eye Contact

Eyes should be washed with plenty of water. Get immediate medical attention.

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

6.1 Personal precautions, protective equipment and emergency procedures	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.
6.2 Environmental precautions	Do not allow to enter drains, sewers or watercourses.
6.3 Methods and material for containment and cleaning up	Adsorb spillages onto sand, earth or any suitable adsorbent material.
6.4 Reference to other sections	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
6.5 Additional Information	None

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling	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.
7.2 Conditions for safe storage, including any incompatibilities	
Storage Temperature	Store between 0°C to 25°C
Storage Life	2 years
Incompatible materials	Oxidising agents.
7.3 Specific end use(s)	For use on aircraft only

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
8.1.1 Occupational Exposure Limits	Not established
8.1.2 Biological limit value	Not established
8.1.3 PNECs and DNELs	Not established
8.2.1 Appropriate engineering controls	
8.2.2 Personal protection equipment	
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.
	



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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

9.2 Other information

None



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10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions of use
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	See 10.5
10.4 Conditions to avoid	Avoid all sources of ignition including heat, sparks and open flames. Prevent vapour accumulation.
10.5 Incompatible materials	Oxidising agents.
10.6 Hazardous Decomposition Product(s)	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

11.1 Information on toxicological effects	
11.1.2 Mixtures	
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)
11.2 Other information	None

12. SECTION 12: ECOLOGICAL INFORMATION

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



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13. SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** 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.
- 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.
- 13.2 Additional Information** None

14. SECTION 14: TRANSPORT INFORMATION

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



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15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	1907/2006 – REACH 1272/2008 – CLP 67/548/EEC –DSD 199/45/EC – DPD 648/2004/EC - Detergents Directive 98/8/EC - BPD
15.1.1	EU regulations Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
15.1.2	National regulations	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
15.2	Chemical Safety Assessment	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. American Fiber & Finishing, Inc. 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. American Fiber & Finishing, Inc. 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.