

SDS Report

No. SHAHG1304151201

Date: Apr. 3, 2016

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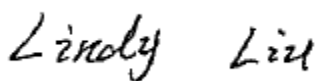
Ningbo Xiangfeng Imp. & Exp. Co., Ltd.
50# ,Jinji Road , Xiaogang, Ningbo

SGS Ref. No. : SHHG1303008812SD
Sample Name : TUFF TACK
End Uses : Adhesive
Composition/Ingredient of sample (as per client submission) : See *Section 3 Composition/information on ingredients* on the SDS report
Job Receiving Date : Mar 20, 2016
Last Information Date : Mar 28, 2016
SDS Preparation Period : Mar 20~28, 2016

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample with submitted information.

Summary : As per request, the contents and formats of the SDS are prepared in accordance with European Commission Directives 67/548/EEC, 1999/45/EC, Regulation (EC) No 1907/2006, Regulation (EU) No 453/2010 and Regulation (EC) No 1272/2008, and is provided per attached.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Lindy Liu
Lab Manager

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Safety Data Sheet

Regulation(EC) No.1907/2006, 1272/2008

Printing date 28.03.2016

Revision: 28.03.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** TUFF TACK
- **Registration number:** Data not available.
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation:** Adhesive
- **Details of the supplier of the safety data sheet**
- **Supplier:** Officeworks Ltd.
236-262 East Boundary Road Bentleigh East VIC 3165 Australia
Tel: 1300633423
ABN: 36004763526
Emergency Phone Number : POISONS INFORMATION CENTRE 13 11 26.
- **Only Representative/ other EU contact point:**
Do not plan to export to European Union. European Union Member State contact not available.



SECTION 2: Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not applicable.
- **Hazard pictograms** Not applicable.
- **Signal word** Not applicable.
- **Hazard-determining components of labelling:** Not applicable.
- **Hazard statements** Not applicable.
- **Precautionary statements** Not applicable.
- **Additional information:**
Safety data sheet available on request.
- **Other hazards** Not applicable.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:**
Mixture of the substances listed below with nonhazardous additions.
For the wording of the listed risk phrases refer to section 16.

· **Dangerous components:**

CAS: 56-81-5 EINECS: 200-289-5	glycerol	substance with a Community workplace exposure limit	14,0%
CAS: 57-11-4 EINECS: 200-313-4	stearic acid, pure	 Xi R38  Skin Irrit. 2, H315	14,0%
Other			4%

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Trade name: TUFF TACK

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· Non-dangerous components:		
CAS: 9002-89-5	polyvinyl alcohol	20,0%
CAS: 7732-18-5 EINECS: 231-791-2	Water	50,0%

SECTION 4: First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately rinse with water.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth with water.
If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear fully protective suit.

SECTION 6: Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Avoid formation of dust.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **Handling**
- **Precautions for safe handling**
Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.

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Trade name: TUFF TACK

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- **Information about fire - and explosion protection:** Normal measures for preventive fire protection.
- **Storage:**
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

56-81-5 glycerol

MAK (Germany)	50E mg/m ³ vgl.Abschn.Xc
WEL (Great Britain)	10 mg/m ³
VME (France)	10 mg/m ³

57-11-4 stearic acid, pure

MAK (Germany)	vgl.Abschn.IIb
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- **DNELs:** Data not available.
- **PNECs:** Data not available.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure**
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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Trade name: TUFF TACK

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· Eye protection:*Tightly sealed goggles*

SECTION 9: Physical and chemical properties

· Information on basic physical and chemical properties**· General Information****· Appearance:**

Form:	<i>Solid</i>
Colour:	<i>White</i>
· Odour:	<i>Odourless</i>
· Odour threshold:	<i>Data not available.</i>

· pH-value:	<i>Data not available.</i>
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· Change in condition:

Melting point/Melting range:	<i>Data not available.</i>
· Freezing point:	<i>Data not available.</i>
· Boiling point/Boiling range:	<i>Data not available.</i>

· Flash point:	<i>Data not available.</i>
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· Flammability (solid, gaseous):	<i>Data not available.</i>
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· Auto-ignition temperature:	<i>Data not available.</i>
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· Decomposition temperature:	<i>Data not available.</i>
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· Self-igniting:	<i>Product is not selfigniting.</i>
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· Explosive properties:	<i>Product does not present an explosion hazard.</i>
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· Explosion limits

Lower:	<i>Data not available.</i>
Upper:	<i>Data not available.</i>
· Oxidizing properties:	<i>Data not available.</i>

· Vapour pressure:	<i>Data not available.</i>
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· Density:	<i>Data not available.</i>
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· Relative density:	<i>Data not available.</i>
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· Vapour density:	<i>Data not available.</i>
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· Evaporation rate:	<i>Data not available.</i>
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· Solubility in / Miscibility with water:	<i>Data not available.</i>
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· Partition coefficient (n-octanol/water):	<i>Data not available.</i>
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· Viscosity:

Dynamic:	<i>Data not available.</i>
Kinematic:	<i>Data not available.</i>
· Other information	<i>Data not available.</i>

SECTION 10: Stability and reactivity

- Reactivity** *No decomposition if used according to specifications.*
- Chemical stability** *Stable under recommended storage conditions.*
- Possibility of hazardous reactions** *No dangerous reactions known.*
- Conditions to avoid** *No further relevant information available.*

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Trade name: TUFF TACK

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- **Incompatible materials:** Strong oxidizing agents
- **Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

9002-89-5 polyvinyl alcohol

Oral	LD50	14270 mg/kg (mouse)
		23854 mg/kg (rat)

56-81-5 glycerol

Oral	LD50	4090 mg/kg (mouse)
		12600 mg/kg (rat)
		27000 mg/kg (rabbit)

57-11-4 stearic acid, pure

Dermal	LD50	>5000 mg/kg (rabbit)
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- **Primary irritant effect**
- **on the skin:** Irritating effect possible.
- **on the eye:** Irritating effect possible.
- **Sensitization:** Sensitization possible.
- **Toxicokinetics, metabolism and distribution:** No further relevant information available.
- **Acute effects (acute toxicity, irritation and corrosivity):** No further relevant information available.
- **Repeated dose toxicity:** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):**
No further relevant information available.

SECTION 12: Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
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**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.

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Trade name: TUFF TACK

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- **Uncleaned packaging**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · ADR, IMDG, IATA | Not applicable. |
| · UN proper shipping name | |
| · ADR, IMDG, IATA | Not applicable. |
| · Transport hazard class(es) | |
| · ADR, IMDG, IATA | |
| · Class | Not applicable. |
| · Packing group | |
| · ADR, IMDG, IATA | Not applicable. |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

SECTION 15: Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **MAK(German Maximum Workplace Concentration)**

None of the ingredients is listed.

- **National regulations:**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (18/6/2012)**

None of the ingredients is listed.

- **REACH Regulation Annex XVII Restriction (19/9/2012)**

None of the ingredients is listed.

- **REACH Regulation Annex XIV Authorisation List (14/2/2012)**

None of the ingredients is listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

- **Relevant phrases**

H315 Causes skin irritation.

R38 Irritating to skin.

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Safety Data Sheet

Regulation(EC) No.1907/2006, 1272/2008

Printing date 28.03.2016

Revision: 28.03.2016

Trade name: Glue stick

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The contents and format of this SDS are in accordance with REGULATION (EC) No 1272/2008, REGULATION (EC) No 1907/2006, Regulation (EU) No 453/2010 and EU Commission Directive 1999/45/EC, 67/548/EEC.

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· *****
Abbreviations and acronyms:

· ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Review and update information in accordance with GHS requirements.

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End of document

EU