

SAFETY DATA SHEET

TACKY SURFACE COATING

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

1.1. Product identifier

Product name TACKY SURFACE COATING
Product number A4512

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses DUST CONTROLLER

1.3. Details of the supplier of the safety data sheet

Supplier ORAPI APPLIED LIMITED,
SPRING ROAD,
SMETHWICK,
WEST MIDLANDS, B66 1PT, ENGLAND
Tel: 0121-525-4000
Fax: 0121-525-4919
lee.baughan@orapiapplied.com

Contact person Lee Baughan

1.4. Emergency telephone number

Emergency telephone 0121 525 4000 (09:00 - 17:00 hrs)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

1,2,3-PROPANE TRIOL		10-30%
CAS number: 56-81-5	EC number: 200-289-5	REACH registration number: 01-2119471987-18-XXXX
Classification	Classification (67/548/EEC or 1999/45/EC)	
Not Classified	-	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Show this Safety Data Sheet to the medical personnel.

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Inhalation	If throat irritation or coughing persists, proceed as follows. Get medical attention. Show this Safety Data Sheet to the medical personnel.
Ingestion	Rinse mouth thoroughly with water. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Do not induce vomiting.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

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

Inhalation	No specific symptoms known.
Ingestion	May cause discomfort if swallowed.
Skin contact	No specific symptoms known.
Eye contact	Visual disturbances, including blurred vision.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media The product is non-combustible. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Not relevant. No unusual fire or explosion hazards noted.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
Special protective equipment for firefighters	Not required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin and eyes.
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6.2. Environmental precautions

Environmental precautions	Avoid discharge to the aquatic environment.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Contain spillage with sand, earth or other suitable non-combustible material.
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6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Usage precautions Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Avoid spilling. Avoid freezing.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Protect from freezing and direct sunlight.

Storage class Chemical storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

1,2,3-PROPANE TRIOL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

WEL = Workplace Exposure Limit

SODIUM BENZOATE (CAS: 532-32-1)

DNEL

- Industry - Dermal; Long term systemic effects: 34.7 mg/kg/day
- Consumer - Dermal; Long term systemic effects: 20.8 mg/kg/day
- Industry - Inhalation; Long term systemic effects: 10.4 mg/m³
- Consumer - Inhalation; Long term systemic effects: 2.1 mg/m³
- Consumer - Oral; Long term systemic effects: 25 mg/kg/day
- Industry - Inhalation; Long term local effects: 6.3 mg/m³
- Consumer - Inhalation; Long term local effects: 1.3 mg/m³

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL

- Industry - Inhalation; Short term systemic effects: 2.5 mg/m³
- Industry - Inhalation; Short term local effects: 2.5 mg/m³
- Consumer - Inhalation; Short term systemic effects: 1.5 mg/m³
- Consumer - Inhalation; Short term local effects: 1.5 mg/m³
- Consumer - Oral; Long term systemic effects: 25 mg/kg/day

PNEC

- Fresh water; 2.2 mg/l
- Marine water; 0.22 mg/l
- Intermittent release; 1.2 mg/l
- STP; 43 mg/l
- Soil; 0.72 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection

Wear chemical splash goggles.

Hand protection

No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

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Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid. Liquid.
Colour	Light (or pale). Yellow.
Odour	Pine
pH	pH (concentrated solution): 10
Initial boiling point and range	100°C @ 760mmHg
Relative density	1.00 @ 20°C
Solubility(ies)	Miscible with water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	No particular stability concerns.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Heating may generate the following products: Oxides of carbon.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No information available.
Inhalation	No specific health hazards known.
Ingestion	May cause discomfort if swallowed. May cause stomach pain or vomiting.
Skin contact	Skin irritation should not occur when used as recommended.
Eye contact	May cause temporary eye irritation.

Toxicological information on ingredients.

1,2,3-PROPANE TRIOL

Acute toxicity - oral

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Acute toxicity oral (LD₅₀
mg/kg) 12,600.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 10,000.0

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ vapours mg/l) 0.57

Species Rat

ATE inhalation (vapours
mg/l) 0.57

SODIUM CARBOXYMETHYL CELLULOSE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 27,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 2,000.0

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation
(LC₅₀ vapours mg/l) 5,800.0

Species Rat

ATE inhalation (vapours
mg/l) 5,800.0

ALCOHOL ETHOXYLATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,000.0

Species Rat

SODIUM BENZOATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 2,000.0

Species Rat

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Acute toxicity - dermal

Acute toxicity dermal (LD₅₀) 2,000.0
mg/kg)

Species Rabbit

N,N'-DIMETHYLENEBISMORPHOLINE

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 1,115.0
mg/kg)

Species Rat

ATE oral (mg/kg) 1,115.0

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - oral

Acute toxicity oral (LD₅₀) 1,780.0
mg/kg)

Species Rat

ATE oral (mg/kg) 1,780.0

d-LIMONENE

Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

Ecological information on ingredients.

1,2,3-PROPANE TRIOL

Acute toxicity - fish LC50, 96 hours, 96 hours: 54000 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours, 48 hours: > 10000 mg/l, Daphnia magna

SODIUM CARBOXYMETHYL CELLULOSE

Acute toxicity - fish LC50, 96 hours, 96 hours: > 21000 mg/l, Onchorhynchus mykiss (Rainbow trout)

ALCOHOL ETHOXYLATE

Acute toxicity - fish LC50, 96 hours, 96 hours: 1-10 mg/l, Freshwater fish

SODIUM BENZOATE

Acute toxicity - fish LC50, 96 hours, 96 hours: > 10 mg/l, Freshwater fish

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TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - fish	LC50, 96 hours, 96 hours: > 100 mg/l, Lepomis macrochirus (Bluegill)
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours, 48 hours: > 100 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 72 hours, 72 hours: > 100 mg/l,

d-LIMONENE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC50, 96 hours, 96 hours: 35 mg/l, Onchorhynchus mykiss (Rainbow trout)

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic) 1

DIPHENYL METHANE

Acute aquatic toxicity

LE(C)₅₀ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Chronic aquatic toxicity

NOEC 0.01 < NOEC ≤ 0.1

Degradability Non-rapidly degradable

M factor (Chronic) 1

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment
Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18
December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of
Chemicals (REACH) (as amended).
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16
December 2008 on classification, labelling and packaging of substances and mixtures (as
amended).

Guidance

Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Abbreviations and acronyms used in the safety data sheet	<p>RID: Regulation Concerning the International Transport of Dangerous Goods by Rail. ADR: European Agreement concerning the International Carriage of dangerous Goods by Road. IMDG: International Maritime Code for Dangerous Goods. GHS: Globally Harmonized System of Classification and Labelling of Chemicals. EINECS: European Inventory of Existing Commercial Chemical Substances. CAS: Chemical Abstract Service. DNEL: Derived No-Effect Level. PNEC: Predicted No-Effect Concentration. LD50: Lethal dose, 50 percent. LC50: Lethal concentration, 50 percent. WEL: Workplace Exposure Limit. STEL: Short Term Exposure Limit. TWA: Time Weighted Average. PBT: Persistent Bioaccumulative Toxic. vPvB: Very Persistent and Very Bioaccumulative.</p>
General information	<p>For further information or advice contact our technical service line during regular office hours on 0121-524-1000.</p> <p>This safety data sheet has been compiled for the product as supplied, properties and hazards will vary if the product is diluted with water or mixed with any other material.</p>
Revision comments	<p>The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.</p>
Revision date	29/06/2015
Revision	5
Supersedes date	21/04/2015
SDS status	Approved.
Signature	Health and Safety Manager

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