



OPT.TBC-5 & OPT.TBC-25

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Optima Tacky Booth Coating Material Safety Data Sheet

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

1.1. PRODUCT IDENTIFIER

Product Form	-
Product Name	TACKY SURFACE COATING
Product Number	G4512

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses	DUST CONTROLLER
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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 number	0121 525 4000 (09:00 - 17:00hrs)
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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
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2.3. OTHER HAZARDS

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. 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	Not Classified
	Classification (67/548/EEC or 1999/45/EC)

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



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SECTION 4: FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

General information

Show this Safety Data Sheet to the medical personnel.

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

Thermal decomposition or combustion products may include products the following substances: Oxides of carbon.

5.3. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Protective actions during firefighting

No specific firefighting precautions known.

Special protective equipment for firefighters

Not required.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions

Avoid contact with skin and eyes.

6.2. ENVIRONMENTAL PRECAUTIONS

Environmental precautions

Avoid discharge to the aquatic environment.

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.

6.4. REFERENCE TO OTHER SECTIONS

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

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



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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.

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.

10.2. CHEMICAL STABILITY

Stability

No particular stability concerns.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

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10.4. CONDITIONS TO AVOID

Conditions to avoid

Not known.

10.5. INCOMPATIBLE MATERIALS

Materials to avoid

Strong oxidising agents. Strong acids.

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

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

Species Rat

Acute toxicity - dermal

Acute toxicity dermal 0,000.0 (LD₅₀ mg/kg)

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation 0.57 (LC₅₀ vapours mg/l)

Species Rat

ATE inhalation (vapours 0.57mg/l)

SODIUM CARBOXYMETHYL CELLULOSE

Acute toxicity - oral

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

Species Rat

Acute toxicity - dermal

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

Species Rabbit

Acute toxicity - inhalation

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

Species Rat

ATE inhalation (vapours 5,800.0 mg/l)

ALCOHOL ETHOXYLATE

Acute toxicity - oral

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

Species Rat

SODIUM BENZOATE

Acute toxicity - oral

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

Species Rat

Acute toxicity - dermal

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

Species Rabbit

N,N'-DIMETHYLENEBISMORPHOLINE

Acute toxicity - oral

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

Species Rat

ATE oral (mg/kg) 1,115.0

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - oral

Acute toxicity oral 1,780.0 (LD₅₀ 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.



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SECTION 12: ECOLOGICAL INFORMATION

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

EC₅₀, 48 hours, 48 hours: > 10000 mg/l,
Daphnia magna invertebrates

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

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE

Acute toxicity - fish

LC₅₀, 96 hours, 96 hours: > 100 mg/l,
Lepomis macrochirus (Bluegill)

Acute toxicity – aquatic

EC₅₀, 48 hours, 48 hours: > 100 mg/l,
Daphnia magna invertebrates

Acute toxicity – aquatic

EC₅₀, 72 hours, 72 hours: > 100 mg/l, plants

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 vPvB.

12.6. OTHER ADVERSE EFFECTS



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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS

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 Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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.



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SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

- 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.

General information

For further information or advice contact our technical service line during regular office hours on 0121-524-1000.

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.

Revision date	29/06/2015
Revision	5
Supersedes date	21/04/2015
SDS status	Approved.
Signature	Health and Safety Manager

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
