

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Jacobi Polyurethane Gloss Finish

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

1.1. Product identifier	
Product name	Jacobi Polyurethane Gloss Finish
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Description	Surface coating. Interior glossy walls and ceilings (Gloss >25@60°C).
1.3. Details of the supplier of the safety data sheet	
Company	FSW Coatings Ltd
Address	Virginia Co Cavan Ireland
Web	www.fleetwood.ie
Telephone	+353 49854 7209
Fax	+353 49854 7470
Email	info@fsw.ie
Email address of the competent person	info@fsw.ie
1.4. Emergency telephone number	
Emergency telephone number	+353 86 1740381
	24 hrs 7 days

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. Classification - 1999/45/EC	R10-66
	Symbols:
Main hazards	Flammable. Repeated exposure may cause skin dryness or cracking.
2.2. Label elements	
Risk phrases	The product is classified in accordance with 67/548/EEC. R10 - Flammable. R66 - Repeated exposure may cause skin dryness or cracking.
2.3. Other hazards	
Other hazards	No Significant Hazard.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Jacobi Polyurethane Gloss Finish

Revision 3
Revision date 2013-08-16

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Cobalt 2-ethylhexanoate		136-52-7			0 - 0.5%	Xi; R43 N; R50/53
Low aromatic White Spirit		64742-48-9			10 - 20%	Xn; R65 R10-66
titanium dioxide (Titanium dioxide total inhalable)		13463-67-7	236-675-5		20 - 30%	
Spiridane D40		64742-48-9	265-150-3		10 - 20%	Xn; R65 R10-66-67

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing stops, provide artificial respiration.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Ingestion	Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this container or label.

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin. Repeated exposure may cause skin dryness or cracking.
Ingestion	Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	If you feel unwell, seek medical advice (show the label where possible).
Skin contact	If you feel unwell, seek medical advice (show the label where possible).
Ingestion	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Alcohol resistant foam. Carbon dioxide (CO ₂). Dry chemical.
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5.2. Special hazards arising from the substance or mixture

	. Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary. Wear.. Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Advise local authorities if large spills cannot be contained.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand). After approximately one hour transfer to waste container and do not seal (evolution of CO ₂ !). Clean area thoroughly with detergent.
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Jacobi Polyurethane Gloss Finish

Revision 3
Revision date 2013-08-16

6.4. Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Vapours are heavier than air. Combustible materials. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Avoid sparks, flames, heat and sources of ignition. Open container carefully. Use explosion proof equipment. Wear protective clothing. Wear suitable protective equipment. Wear suitable respiratory equipment when necessary. Keep out of the reach of children.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store at temperatures above 5 °C. Store at temperatures below 25 °C. Keep in a cool, dry, well ventilated area.

7.3. Specific end use(s)

Surface coating. Interior glossy walls and ceilings (Gloss >25@60°C).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

See section 8.2 for further information.

8.1.1. Exposure Limit Values

titanium dioxide (Titanium dioxide respirable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 4
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
titanium dioxide (Titanium dioxide total inhalable)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing. Adopt best Manual Handling considerations when handling, carrying and dispensing. Apply a barrier cream before handling the product. Avoid contact with eyes and skin. Protect clothing from contact with the product. Remove contaminated clothing. Wash all contaminated clothing before reuse.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC). Wash hands after handling the product.

Respiratory protection

Wear suitable respiratory equipment when necessary. An air-fed mask is recommended.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Jacobi Polyurethane Gloss Finish

Revision 3
Revision date 2013-08-16

9.1. Information on basic physical and chemical properties

State	Viscous liquid.
Colour	White
Odour	Strong
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	> 250 sec. 3 mm (ISO 2431)
Explosive	No data available
Oxidising	No data available
pH	Not applicable.
Melting point	No data available
Freezing Point	No data available
Bolling point	No data available
Flash point	> 23 °C
Evaporation rate	No data available
Flammability limits	No data available
Vapour Flammability	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.126 (Water = 1 @ 20 °C)
Solubility	Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Specific gravity	1.126 g/cm ³
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	400 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data is available on this product.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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10.5. Incompatible materials

	No data is available on this product.
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10.6. Hazardous decomposition products

	No data is available on this product.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
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Jacobi Polyurethane Gloss Finish

Revision 3
Revision date 2013-08-16

11.1. Information on toxicological effects

Repeated or prolonged exposure	Repeated exposure may cause skin dryness or cracking.
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11.1.4. Toxicological Information

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used. Dispose of in compliance with all local and national regulations. This material and its container must be disposed of in a safe way.
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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN1263
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14.2. UN proper shipping name

	PAINT
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14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III
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Jacobi Polyurethane Gloss Finish

Revision 3
Revision date 2013-08-16

14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	30
Tunnel Category	(D/E)
IMDG	
EmS Code	F-E S-E
IATA	
Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment	
	No data is available on this product.

SECTION 16: Other information

Other information	
Revision	This document differs from the previous version in the following areas: 1 - Description. 7 - 7.3. Specific end use(s).
Text of risk phrases in Section 3	R10 - Flammable R43 - May cause sensitisation by skin contact. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.
Maximum content of VOC	400 g/l.
Further information	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.