

SAFETY DATA SHEET

Satin/Matt Black

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

1.1. Product identifier

Product name Satin/Matt Black

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

Identified uses Paint.

1.3. Details of the supplier of the safety data sheet

Supplier Aztec Aerosols
 Gateway
 Crewe
 Cheshire
 CW1 6FA

T+44 (0) 1270 656380
 F+44 (0) 1270 656381
 info@aztecaerosols.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT SE 3 - H336

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xi;R36. F+;R12. R66,R67.

Human health Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

2.2. Label elements

Pictogram



Signal word

Danger

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Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: may burst if heated H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P271 Use only outdoors or in a well-ventilated area. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P102 Keep out of reach of children. P501 Dispose of contents/container in accordance with local regulations. P260 Do not breathe vapour/spray. P262 Do not get in eyes, on skin, or on clothing. P314 Get medical advice/attention if you feel unwell.
Supplemental label information	RCH002b For professional users only.
Contains	ACETONE, BUTANONE, TOLUENE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ACETONE		30-60%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 2 - H225	F;R11 Xi;R36 R66 R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
PROPANE		10-30%
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: Exempt under REACH
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Gas 1 - H220	F+;R12	
Press. Gas		

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BUTANE 5-10%		
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: Exempt under REACH
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12	
TOLUENE 5-10%		
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) F;R11 Repr.Cat.3;R63 Xn;R48/20,R65 Xi;R38 R67	
BUTANONE 5-10%		
CAS number: 78-93-3	EC number: 201-159-0	REACH registration number: 01-2119457290-43
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC or 1999/45/EC) F;R11 Xi;R36 R66 R67	
XYLENE 1-5%		
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21 Xi;R38	

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ISOBUTANE		1-5%
CAS number: 75-28-5	EC number: 200-857-2	REACH registration number: Exempt under REACH
Classification Flam. Gas 1 - H220 Press. Gas	Classification (67/548/EEC or 1999/45/EC) F+;R12	
ALIPHATIC HYDROCARBON		1-5%
CAS number: 64742-48-9	EC number: 265-150-3	REACH registration number: 01-2119486659-16
Classification Flam. Liq. 3 - H226 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn;R65. R10,R66.	
ETHYLBENZENE		<1%
CAS number: 100-41-4	EC number: 202-849-4	REACH registration number: 01-2119489370-35
Classification Flam. Liq. 2 - H225	Classification (67/548/EEC or 1999/45/EC) F;R11 Xn;R20	

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	Move affected person to fresh air at once.
Inhalation	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Forms explosive mixtures with air. The product is extremely flammable.

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5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb spillage with non-combustible, absorbent 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. Keep away from heat, sparks and open flame. Do not spray on a naked flame or any incandescent material. Eliminate all sources of ignition.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ACETONE

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

PROPANE

Long-term exposure limit (8-hour TWA): SUP ppm

Short-term exposure limit (15-minute): SUP ppm

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm

Short-term exposure limit (15-minute): WEL 750 ppm

TOLUENE

Long-term exposure limit (8-hour TWA): mg/m³(Sk) 50 ppm(Sk) 191 mg/m³(Sk)

Short-term exposure limit (15-minute): mg/m³(Sk) 100 ppm(Sk) 384 mg/m³(Sk)

BUTANONE

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Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m³(Sk)

XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m³(Sk)

ISOBUTANE

Long-term exposure limit (8-hour TWA): WEL 800 ppm

Short-term exposure limit (15-minute): WEL No std.

ALIPHATIC HYDROCARBON

Long-term exposure limit (8-hour TWA): SUP 1040 mg/m³

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m³(Sk)

WEL = Workplace Exposure Limit

Ingredient comments

WEL = Workplace Exposure Limits SUP = Supplier's recommendation.

TOLUENE (CAS: 108-88-3)

DNEL General population - Inhalation; : 226 mg/m³

PNEC

- Fresh water; 0.68 mg/l
- Marine water; 0.68 mg/l
- Soil; 2.89 mg/kg

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Personal protection

When using do not smoke.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hand protection

Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Hygiene measures

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Aerosol.

Odour Organic solvents.

Flash point < -40°C

9.2. Other information

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SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Avoid the following conditions: Heat, sparks, flames.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 23,965.1416122

Acute toxicity - inhalation

ATE inhalation (gases ppm) 108,932.46187364

General information Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Inhalation In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Skin contact Harmful in contact with skin. Repeated exposure may cause skin dryness or cracking.

Eye contact Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

Acute and chronic health hazards Arrhythmia (deviation from normal heart beat). Irritating to skin. Irritating to eyes. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of entry Inhalation

Target organs Central nervous system Respiratory system, lungs

Medical symptoms Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

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12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID subsidiary risk

ADR/RID label 2.1

IMDG class 2.1

IMDG subsidiary risk

ICAO class/division 2.1

ICAO subsidiary risk

Transport labels



14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS F-D, S-U

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Emergency Action Code

Hazard Identification Number
(ADR/RID)

Tunnel restriction code (D)

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

SECTION 15: Regulatory information

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

National regulations The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation 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).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 11/07/2014

Revision

SDS number 10174

SDS status Approved.

Risk phrases in full R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R20 Harmful by inhalation.
R20/21 Harmful by inhalation and in contact with skin.
R36 Irritating to eyes.
R38 Irritating to skin.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

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Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H229 Pressurised container: may burst if heated
H304 May be fatal if swallowed and enters airways.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H336 May cause drowsiness or dizziness.
H361d Suspected of damaging the unborn child.
H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

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.