



Prestone



SAFETY DATA SHEET Acrylic Primer

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

1.1. Product identifier

| | |
|--------------------------|---|
| Product name | Acrylic Primer |
| Product number | RF0158C |
| REACH registration notes | This is a MIXTURE; no registration information contained in this document . Holts are classed as Downstream User. |

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 | A Holts Car Care Product Holt Lloyd International Ltd Barton Dock Road Stretford Manchester M32 0YQ - England, UK +44 (0) 161 866 4800 FAX +44 (0) 161 866 4854 www.holtsauto.com |
| Contact person | Contact Email address: info@holtsauto.com |

1.4. Emergency telephone number

| | |
|-------------------------------------|---|
| National emergency telephone number | http://echa.europa.eu/en/web/guest/support/helpdesks/national-helpdesks/list-of-national-helpdesks |
|-------------------------------------|---|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

| | |
|-----------------------|------------------------------------|
| Physical hazards | Aerosol 1 - H222, H229 |
| Health hazards | Eye Dam. 1 - H318 STOT SE 3 - H336 |
| Environmental hazards | Aquatic Chronic 3 - H412 |

Classification (67/548/EEC or 1999/45/EC) Xi;R36. F+;R12. N;R51/53. R66,R67.

2.2. Label elements

Pictogram



Signal word

Danger

Acrylic Primer

| | |
|---------------------------------|--|
| Hazard statements | <p>H412 Harmful to aquatic life with long lasting effects.</p> <p>H318 Causes serious eye damage.</p> <p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: may burst if heated</p> <p>H336 May cause drowsiness or dizziness.</p> |
| Precautionary statements | <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Do not pierce or burn, even after use.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P102 Keep out of reach of children.</p> <p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P501 Dispose of contents/container in accordance with local regulations.</p> |
| Contains | ACETONE, BUTYL ACETATE -norm, BUTANOL-norm, BUTANONE |

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | |
|-----------------------|--|---------------|
| DIMETHYL ETHER | | 30-60% |
| CAS number: 115-10-6 | EC number: 204-065-8 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Gas 1 - H220 | F+;R12 | |
| Press. Gas | | |
| ACETONE | | 10-30% |
| CAS number: 67-64-1 | EC number: 200-662-2 | |
| 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 | | |

Acrylic Primer

| | | |
|--|--|----------------------|
| ISOBUTANE | | 5-10% |
| CAS number: 75-28-5 | | EC number: 200-857-2 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Gas 1 - H220 | F+;R12 | |
| Press. Gas | | |
| BUTYL ACETATE -norm | | 5-10% |
| CAS number: 123-86-4 | | EC number: 204-658-1 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 3 - H226 | R10 R66 R67 | |
| STOT SE 3 - H336 | | |
| BUTANE | | 5-10% |
| CAS number: 106-97-8 | | EC number: 203-448-7 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Gas 1 - H220 | F+;R12 | |
| Press. Gas | | |
| 2-METHOXY-1-METHYLETHYL ACETATE | | 1-5% |
| CAS number: 108-65-6 | | EC number: 203-603-9 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 3 - H226 | R10 Xi;R36 | |
| BUTANONE | | 1-5% |
| CAS number: 78-93-3 | | EC number: 201-159-0 |
| 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 | | |
| BUTANOL-norm | | 1-5% |
| CAS number: 71-36-3 | | EC number: 200-751-6 |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Flam. Liq. 3 - H226 | R10 Xn;R22 Xi;R37/38,R41 R67 | |
| Skin Irrit. 2 - H315 | | |
| Eye Dam. 1 - H318 | | |
| Acute Tox. 4 - H302 | | |
| STOT SE 3 - H335, H336 | | |

Acrylic Primer

| | | |
|------------------------------------|--|-------------|
| TRIZINC BIS(ORTHOPHOSPHATE) | | 1-5% |
| CAS number: 7779-90-0 | EC number: 231-944-3 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Aquatic Acute 1 - H400 | N;R50/53 | |
| Aquatic Chronic 1 - H410 | | |

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

| | |
|---------------------|--|
| Inhalation | Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. |
| Ingestion | Rinse mouth thoroughly with water. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. |
| Skin contact | Remove affected person from source of contamination. Get medical attention if any discomfort continues. |
| Eye contact | Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. |

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 Use fire-extinguishing media suitable for the surrounding fire. 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.

5.3. Advice for firefighters

Protective actions during firefighting Move containers from fire area if it can be done without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.

6.4. Reference to other sections

Acrylic Primer

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12 for additional information on ecological hazards.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

7.2. Conditions for safe storage, including any incompatibilities

Storage class Flammable compressed gas storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

DIMETHYL ETHER

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 958 mg/m³

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

ISOBUTANE

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

Short-term exposure limit (15-minute): OES 800 ppm

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m³

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 274 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 548 mg/m³(Sk)

BUTANONE

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)

BUTANOL-norm

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

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 154 mg/m³(Sk)

WEL = Workplace Exposure Limit

8.2. Exposure controls

Acrylic Primer

Protective equipment



Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. EN374 It is recommended that gloves are made of the following material: Rubber (natural, latex).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | Aerosol. |
| Odour | Characteristic. |
| Flash point | Not applicable. |
| Upper/lower flammability or explosive limits | Lower flammable/explosive limit: 2.6% Upper flammable/explosive limit: 18.6% |
| Relative density | ~0.795 @ °C |

9.2. Other information

| | |
|---------------------------|---|
| Volatility | 87.9% |
| Volatile organic compound | This product contains a maximum VOC content of 705.2 g/litre. |

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

| | |
|-----------|---|
| Stability | Stable at normal ambient temperatures and when used as recommended. |
|-----------|---|

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

| | |
|---------------------|---|
| Conditions to avoid | Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis. |
|---------------------|---|

10.5. Incompatible materials

10.6. Hazardous decomposition products

| | |
|----------------------------------|---|
| Hazardous decomposition products | Thermal decomposition or combustion products may include the following substances: Thermal decomposition or combustion products may include the following substances: Acrid smoke or fumes. Carbon dioxide (CO ₂). Carbon monoxide (CO). |
|----------------------------------|---|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acrylic Primer

Acute toxicity - oral

ATE oral (mg/kg) 13,157.89

| | |
|-----------------------|--|
| Inhalation | Vapours may cause headache, fatigue, dizziness and nausea. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations. Symptoms following overexposure may include the following: Headache. |
| Ingestion | No harmful effects expected from quantities likely to be ingested by accident. |
| Skin contact | Prolonged and frequent contact may cause redness and irritation. |
| Eye contact | Irritating to eyes. Repeated exposure may cause chronic eye irritation. |
| Route of entry | Inhalation Skin and/or eye contact |

SECTION 12: Ecological Information

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

12.6. Other adverse effects

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. Empty containers must not be punctured or incinerated because of the risk of an explosion. |
| Waste class | WGK : 2 (Germany) |

SECTION 14: Transport information

General LIMITED QUANTITIES

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 (TRIZINC BIS(ORTHOPHOSPHATE)) |
| Proper shipping name (IMDG) | AEROSOLS (TRIZINC BIS(ORTHOPHOSPHATE)) |
| Proper shipping name (ICAO) | AEROSOLS (TRIZINC BIS(ORTHOPHOSPHATE)) |
| Proper shipping name (ADN) | AEROSOLS (TRIZINC BIS(ORTHOPHOSPHATE)) |

14.3. Transport hazard class(es)

| | |
|----------------------|-----|
| ADR/RID class | 2.1 |
| ADR/RID label | 2.1 |

Acrylic Primer

IMDG class 2.1

ICAO class/division 2.1

Transport labels



14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS F-D, S-U

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

EU legislation

Dangerous Substances Directive 67/548/EEC.
 Dangerous Preparations Directive 1999/45/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) (as amended).
 Aerosol Dispensers Directive 2008/47/EC (2008/47/EC)
 VOC Directive - 2004/42/EC
 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).

Water hazard classification WGK 2

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 24/09/2015

Revision 3

Supersedes date 22/03/2012

SDS number 14376

Acrylic Primer

Risk phrases in full

R10 Flammable.
R11 Highly flammable.
R12 Extremely flammable.
R22 Harmful if swallowed.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: may burst if heated
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

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.