



Prestone



## SAFETY DATA SHEET Tough Black Gloss Paint

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

#### 1.1. Product identifier

<b>Product name</b>	Tough Black Gloss Paint
<b>Product number</b>	SIMVHT32D, SIMVHT52D
<b>REACH registration notes</b>	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

<b>Identified uses</b>	Car maintenance product. Paint.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	Holt Lloyd Services 52 Rue des 40 Mines, 60000 – Allonne, France Phone: +33 (0)3 64 99 00 32 info@holtsauto.com
<b>Contact person</b>	Contact Email address: info@holtsauto.com
<b>Manufacturer</b>	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

#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	UK - 00 44 (0) 161 866 4800 Office hrs = 0900 - 1700 hrs
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## Tough Black Gloss Paint

**National emergency telephone number** +43 1 31304 5620; chemikalien@umweltbundesamt.at (Austria)  
 +32022649636; info@poisoncentre.be (Belgium)  
 +359 2 9154 409; poison\_centre@mail.orbitel.bg (Bulgaria)  
 +38514686910; toksikologija@hzjz.hr (Croatia)  
 +35722405611; cy-chemregistry@dli.mlsi.gov.cy (Cyprus)  
 +420267082257; biocidy@mzcr.cz (Czech Republic)  
 +45 72 54 40 00; mst@mst.dk (Denmark)  
 +372 794 3500; clp@terviseamet.ee, info@terviseamet.ee (Estonia)  
 +358 5052 000; kirjaamo@tukes.fi (Finland)  
 + 33 3 83 85 21 92; bnpc@chru-nancy.fr (France)  
 +49-30-18412-0; bfr@bfr.bund.de (Germany)  
 +302106479250; +302106479450; devxp.gcs@aade.gr, environment.gcs@aade.gr (Greece)  
 +36 (1) 476 1135; clp.ca@nnk.gov.hu (Hungary)  
 +354 543 22 22; eitur@landspitali.is (Iceland)  
 +353 (1) 809 2166 / +353 (1) 809 2566; chemicalsinfo@beaumont.ie (Ireland)  
 +390649906140; inscweb@iss.it (Italy)  
 +371 67032600; lvgmc@lvgmc.lv (Latvia)  
 +370 70662008; aaa@aaa.am.lt (Lithuania)  
 +320 22649636; +352 24785551; info@poisoncentre.be; direction-sante@ms.etat.lu (Luxembourg)  
 +356 2395 2000; info@mccaa.org.mt (Malta)  
 +31 88 75 585 61; productnotificatie@umcutrecht.nl (The Netherlands)  
 +4573580500; produktregisteret@miljodir.no / +47 21 07 70 00; folkehelseinstituttet@fhi.no (Norway)  
 +48 42 2538 400; biuro@chemikalia.gov.pl (Poland)  
 +351213303271; ciav.tox@inem.pt (Portugal)  
 +40213183606; infotox@insp.gov.ro (Romania)  
 +7 495 621 6885; +7 495 628 1687; rtiac@mail.ru; rtiac2003@yahoo.com (Russia)  
 +421 2 5465 2307; ntic@ntic.sk (Slovakia)  
 + 386 1 522 1293; gp.ukc@kclj.si (Slovenia)  
 +34 917689800; intcf.doc@justicia.es (Spain)  
 +46104566750; giftinformation@gic.se (Sweden)  
 +44 121 507 4123; allistervale@npis.org, sallybradberry@npis.org (UK)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Aerosol 1 - H222, H229
Health hazards	Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word

Danger

## Tough Black Gloss Paint

<b>Hazard statements</b>	<p>EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.</p> <p>H222 Extremely flammable aerosol.</p> <p>H229 Pressurised container: may burst if heated.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <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 spray.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</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>P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>Supplemental label information</b>	<p>EUH208 Contains ETHYL METHYL KETOXIME, ETHYL METHYL KETOXIME. May produce an allergic reaction.</p>
<b>Contains</b>	<p>ACETONE, Naphtha (petroleum), heavy, hydrodesulfurized</p>

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>ACETONE</b>		<b>10-30%</b>
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-XXXX
<b>Classification</b>		
Flam. Liq. 2 - H225		
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>BUTANE</b>		<b>10-30%</b>
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32-XXXX
<b>Classification</b>		
Flam. Gas 1A - H220		
Press. Gas		

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<b>Naphtha (petroleum), heavy, hydrodesulfurized</b>			<b>10-30%</b>
CAS number: 64742-82-1	EC number: 265-185-4		
<b>Classification</b>			
Flam. Liq. 3 - H226			
STOT SE 3 - H336			
Asp. Tox. 1 - H304			
Aquatic Chronic 2 - H411			
<b>PROPANE</b>			<b>10-30%</b>
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2119486944-21-XXXX	
<b>Classification</b>			
Flam. Gas 1A - H220			
<b>ISOBUTANE</b>			<b>5-10%</b>
CAS number: 75-28-5	EC number: 200-857-2	REACH registration number: 01-2119485395-27-XXXX	
<b>Classification</b>			
Flam. Gas 1A - H220			
Press. Gas			
<b>Naphtha (petroleum), Light Aromatic</b>			<b>1-5%</b>
CAS number: 64742-95-6	EC number: 918-668-5	REACH registration number: 01-2119455851-35-XXXX	
<b>Classification</b>			
Asp. Tox. 1 - H304			
<b>XYLENE</b>			<b>1-5%</b>
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-XXXX	
<b>Classification</b>			
Flam. Liq. 3 - H226			
Acute Tox. 4 - H312			
Acute Tox. 4 - H332			
Skin Irrit. 2 - H315			

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<b>Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 64742-48-9                      EC number: 919-857-5                      REACH registration number: 01-2119463258-33-XXXX
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304
<b>Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 34140-91-5                      EC number: 251-846-4                      REACH registration number: 01-2119974119-29-XXXX  M factor (Acute) = 10
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT RE 2 - H373 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
<b>ETHYL METHYL KETOXIME</b> <span style="float: right;"><b>&lt;1%</b></span>
CAS number: 96-29-7                      EC number: 202-496-6
<b>Classification</b> Acute Tox. 4 - H312 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Carc. 2 - H351

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical advice/attention if you feel unwell. If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse nose and mouth with water. Do not induce vomiting. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation. May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation. Prolonged or repeated exposure may cause severe irritation.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Extremely flammable aerosol.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Oxides of carbon.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Containers close to fire should be removed or cooled with water. Fight fire with normal precautions from a reasonable distance. Use special protective clothing.
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## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Avoid inhalation of vapours and contact with skin and eyes. If ventilation is inadequate, suitable respiratory protection must be worn.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid release to the environment.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of contents/container in accordance with national regulations.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see Section 13.
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## **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid inhalation of vapours and contact with skin and eyes. Avoid release to the environment.
<b>Advice on general occupational hygiene</b>	Good personal hygiene procedures should be implemented.

### 7.2. Conditions for safe storage, including any incompatibilities

## Tough Black Gloss Paint

**Storage precautions** Do not expose to temperatures exceeding 50°C/122°F.

**Storage class** Flammable compressed gas storage. Aerosol containers and lighters

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## 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/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

##### **BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

##### **ISOBUTANE**

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

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

##### **XYLENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

#### **Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Advisory OEL. CEFIC-HSPA : 1200 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

#### ACETONE (CAS: 67-64-1)

<b>DNEL</b>	Consumer - Oral; Long term systemic effects: 62 mg/kg/day Workers - Dermal; Long term systemic effects: 186 mg/kg/day Consumer - Dermal; Long term systemic effects: 62 mg/kg/day Workers - Inhalation; Short term local effects: 2420 mg/m <sup>3</sup> Workers - Inhalation; Long term systemic effects: 1210 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 200 mg/m <sup>3</sup>
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<b>PNEC</b>	Fresh water; 10.6 mg/l marine water; 1.06 mg/l Intermittent release; 21 mg/l Sediment (Freshwater); 30.4 mg/kg Sediment (Marinewater); 3.04 mg/kg Soil; 29.5 mg/kg STP; 100 mg/l
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#### Naphtha (petroleum), Light Aromatic (CAS: 64742-95-6)

## Tough Black Gloss Paint

<b>DNEL</b>	Industry - Dermal; : 25 mg/kg bw/day
	Industry - Inhalation; : 150 mg/m <sup>3</sup>
	Consumer - Dermal; : 11 mg/kg bw/day
	Consumer - Inhalation; : 32 mg/m <sup>3</sup>
	Consumer - Oral; : 11 mg/kg bw/day

### XYLENE (CAS: 1330-20-7)

<b>DNEL</b>	Consumer - Dermal; Long term systemic effects: 108 mg/kg/day
	Workers - Dermal; Long term systemic effects: 180 mg/kg/day
	Consumer - Inhalation; Short term local effects: 174 mg/m <sup>3</sup>
	Consumer - Inhalation; Short term systemic effects: 174 mg/m <sup>3</sup>
	Workers - Inhalation; Short term systemic effects: 289 mg/m <sup>3</sup>
	Workers - Inhalation; Short term local effects: 289 mg/m <sup>3</sup>
	Consumer - Inhalation; Long term systemic effects: 14.8 mg/m <sup>3</sup>
	Workers - Inhalation; Long term systemic effects: 77 mg/m <sup>3</sup>

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics (CAS: 64742-48-9)

<b>DNEL</b>	Industry - Dermal; Long term : 208 mg/kg/day
	Industry - Inhalation; Long term : 871 mg/m <sup>3</sup>
	Consumer - Dermal; Long term : 125 mg/kg/day
	Consumer - Inhalation; Long term : 185 mg/m <sup>3</sup>
	Consumer - Oral; Long term : 125 mg/l

### Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1) (CAS: 34140-91-5)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 0.074 mg/m <sup>3</sup>
	Workers - Dermal; Long term systemic effects: 0.01 mg/kg/day
<b>PNEC</b>	Fresh water; Long term 0.276 µg/l
	marine water; Long term 0.028 µg/l
	STP; Long term 0.251 mg/l
	Sediment (Freshwater); Long term 8.6 mg/kg
	Sediment (Marinewater); Long term 0.86 mg/kg
	Soil; Long term 10 mg/kg

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation.

### 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 or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Butyl rubber. To protect hands from chemicals, gloves should comply with European Standard EN374.

### Other skin and body protection

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

## Tough Black Gloss Paint

<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. Use engineering controls to reduce air contamination to permissible exposure level. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Do not eat, drink or smoke when using this product.
<b>Respiratory protection</b>	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Aerosol.
<b>Colour</b>	Black.
<b>Odour</b>	Acetone.
<b>pH</b>	Not relevant.
<b>Flash point</b>	< 0°C Closed cup.
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.6 % Upper flammable/explosive limit: 13 %
<b>Vapour pressure</b>	3500 hPa @ 20°C
<b>Relative density</b>	0.758 @ 20°C
<b>Solubility(ies)</b>	Immiscible with water.
<b>Auto-ignition temperature</b>	365°C

#### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 79.8 %. This product contains a maximum VOC content of 605.2 g/l. EU: (cat B/e): 840 g/l .
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid contact with the following materials: Strong oxidising agents. Strong alkalis. Strong mineral acids.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).
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## Tough Black Gloss Paint

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 29,774.92

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 59,549.84

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 327.52

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

##### Respiratory sensitisation

**Respiratory sensitisation** No information available.

##### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause drowsiness or dizziness.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Aspiration hazard** Not relevant.

##### Inhalation

Vapours may cause headache, fatigue, dizziness and nausea.

##### Ingestion

May cause discomfort if swallowed.

##### Skin contact

May be slightly irritating to skin. Prolonged or repeated exposure may cause severe irritation. May cause an allergic skin reaction.

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**Eye contact** Causes serious eye irritation. Prolonged or repeated exposure may cause severe irritation.

### Toxicological information on ingredients.

#### ACETONE

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,800.0

Species Rat

ATE oral (mg/kg) 5,800.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 7,400.0

Species Rabbit

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 76.0

Species Rat

##### Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

##### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

##### Respiratory sensitisation

Respiratory sensitisation No information available.

##### Skin sensitisation

Skin sensitisation Not sensitising.

##### Germ cell mutagenicity

Genotoxicity - in vitro Negative.

Genotoxicity - in vivo Negative.

##### Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

##### Reproductive toxicity

Reproductive toxicity - fertility No evidence of reproductive toxicity in animal studies. REACH dossier information.

Reproductive toxicity - development No evidence of reproductive toxicity in animal studies.

##### Specific target organ toxicity - single exposure

STOT - single exposure Central and/or peripheral nervous system damage. Narcotic effects

##### Specific target organ toxicity - repeated exposure

## Tough Black Gloss Paint

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### BUTANE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

### PROPANE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**ATE oral (mg/kg)** 5,000.0

### ISOBUTANE

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**ATE oral (mg/kg)** 5,000.0

### Naphtha (petroleum), Light Aromatic

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 3,492.0

**Species** Rat

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 3,160.0

**Species** Rabbit

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 6,193.0

**Species** Rat

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes mild skin irritation.

#### Serious eye damage/irritation

## Tough Black Gloss Paint

<b>Serious eye damage/irritation</b>	Not irritating
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	No information available.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Not sensitising.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	This substance has no evidence of mutagenic properties.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	No information available.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	May cause drowsiness or dizziness. May cause respiratory irritation.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

### XYLENE

<b><u>Acute toxicity - oral</u></b>	
<b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b>	3,523.0
<b>Species</b>	Rat
<b>ATE oral (mg/kg)</b>	3,523.0
<b><u>Acute toxicity - dermal</u></b>	
<b>Acute toxicity dermal (LD<sub>50</sub> mg/kg)</b>	2,000.0
<b>Species</b>	Rabbit
<b>ATE dermal (mg/kg)</b>	2,000.0
<b><u>Acute toxicity - inhalation</u></b>	
<b>Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)</b>	29,000.0
<b>Species</b>	Rat
<b>Species</b>	Human
<b>ATE inhalation (vapours mg/l)</b>	11.0
<b><u>Skin corrosion/irritation</u></b>	

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**Skin corrosion/irritation** Causes skin irritation.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

### Carcinogenicity

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

### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 5000 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 5,000.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 5,000.0

**Species** Rat

**ATE dermal (mg/kg)** 5,000.0

#### Acute toxicity - inhalation

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> > 5000 mg/m<sup>3</sup>, Inhalation, Rat

### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Respiratory sensitisation** No information available.

### Skin sensitisation

**Skin sensitisation** Not sensitising.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Negative.

**Genotoxicity - in vivo** Negative.

### Carcinogenicity

**Carcinogenicity** There is no evidence that the product can cause cancer.

## Tough Black Gloss Paint

### Reproductive toxicity

**Reproductive toxicity - fertility** One-generation study - NOAEL  $\geq$  3000 mg/kg bw/day, Oral, Rat P

**Reproductive toxicity - development** Developmental toxicity: - NOAEC:  $\geq$  300 ppm, Inhalation, Rat

### Specific target organ toxicity - single exposure

**STOT - single exposure** Central and/or peripheral nervous system damage.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

### Ecological information on ingredients.

#### Naphtha (petroleum), Light Aromatic

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

### 12.1. Toxicity

#### Acute aquatic toxicity

**Acute toxicity - fish** No information available.

**Acute toxicity - aquatic invertebrates** Not available.

**Acute toxicity - aquatic plants** Not available.

**Acute toxicity - microorganisms** Not available.

**Acute toxicity - terrestrial** Not available.

#### Chronic aquatic toxicity

**Chronic toxicity - fish early life stage** Not available.

**Short term toxicity - embryo and sac fry stages** Not available.

**Chronic toxicity - aquatic invertebrates** Not available.

### Ecological information on ingredients.

#### ACETONE

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 5540 mg/l, Oncorhynchus mykiss (Rainbow trout)  
LC<sub>50</sub>, 96 hours: 11000 mg/l, Marinewater fish  
LC<sub>50</sub>, 96 hours: 8300 mg/l, Lepomis macrochirus (Bluegill)

## Tough Black Gloss Paint

<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 8800 mg/l, Freshwater invertebrates
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 96 hours: 7200 mg/l, Algae NOEC, 96 hours: 430 mg/l, Algae
<b>Acute toxicity - microorganisms</b>	EC <sub>10</sub> , NOEC, 30 minutes: 1000 mg/l, Activated sludge
<b>Acute toxicity - terrestrial</b>	LC <sub>50</sub> , 48 hours: 100-1000 µg/cm <sup>2</sup> , Eisenia Fetida (Earthworm)
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 28 days: 2212 mg/l, Daphnia magna

### Naphtha (petroleum), Light Aromatic

<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: 9.2 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: 3.2 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	EC <sub>50</sub> , 72 hours: 2.9 mg/l, Algae NOEC, 71 hours: 1 mg/l, Pseudokirchneriella subcapitata
<b><u>Chronic aquatic toxicity</u></b>	
<b>Chronic toxicity - fish early life stage</b>	NOEC, 28 days: 1.23 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Chronic toxicity - aquatic invertebrates</b>	NOEC, 21 days: 2.14 mg/l, Daphnia magna

### XYLENE

<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 13.5 hours: 96 mg/l, Fish
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 7.4 hours: 48 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: 1-10 mg/l, Algae

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

<b><u>Acute aquatic toxicity</u></b>	
<b>Acute toxicity - fish</b>	LC <sub>50</sub> , 96 hours: > 1000 mg/l, Oncorhynchus mykiss (Rainbow trout)
<b>Acute toxicity - aquatic invertebrates</b>	EC <sub>50</sub> , 48 hours: > 1000 mg/l, Daphnia magna
<b>Acute toxicity - aquatic plants</b>	IC <sub>50</sub> , 72 hours: > 1000 mg/l, Pseudokirchneriella subcapitata
<b>Acute toxicity - microorganisms</b>	EL <sub>50</sub> , 48 hours: 0.95 mg/l, Tetrahymena pyriformis, QSAR

### Oleic acid, compound with (Z)-N-octadec-9-enylpropane-1,3-diamine (2:1)

## Tough Black Gloss Paint

### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.01 < L(E)C<sub>50</sub> ≤ 0.1

M factor (Acute) 10

### 12.2. Persistence and degradability

#### Ecological information on ingredients.

#### ACETONE

**Persistence and degradability** 90 +/- 2.2%; 28 days Rapidly degradable

**Stability (hydrolysis)** The substance is readily biodegradable.

#### Naphtha (petroleum), Light Aromatic

**Biodegradation** Rapidly degradable  
Water - Degradation 78%: 28 days

#### XYLENE

**Biodegradation** The substance is readily biodegradable.

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Persistence and degradability** Rapidly degradable

### 12.3. Bioaccumulative potential

#### Ecological information on ingredients.

#### ACETONE

**Bioaccumulative potential** Bioaccumulation is unlikely.

#### Naphtha (petroleum), Light Aromatic

**Partition coefficient** log Pow: < 4.5

#### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

### 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.

#### Ecological information on ingredients.

#### ACETONE

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Naphtha (petroleum), Light Aromatic

## Tough Black Gloss Paint

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** Refer to the Dangerous Goods List for information on any Special Provisions 190, 327, 344, 625.

#### 14.1. UN number

**UN No. (ADR/RID)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (ADN)** 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 classification code** 5F

**ADR/RID label** 2.1

**IMDG class** 2.1

**ICAO class/division** 2.1

**ADN class** 2.1

#### **Transport labels**



#### 14.4. Packing group

## Tough Black Gloss Paint

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

**EmS** F-D, S-U

**ADR transport category** 2

**Tunnel restriction code** (D)

### 14.7. Transport in bulk according to Annex II of MARPOL 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** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

**EU legislation** Council Directive of 20 May 1975 on the approximation of the laws of the Member States relating to aerosol dispensers (75/324/EEC) (as amended).  
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).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.

**Authorisations (Annex XIV  
Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Annex XVII  
Regulation 1907/2006)** No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## Tough Black Gloss Paint

### Abbreviations and acronyms used in the safety data sheet

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate.

BOD: Biochemical Oxygen Demand.

CAS: Chemical Abstracts Service.

DNEL: Derived No Effect Level.

EC<sub>50</sub>: 50% of maximal Effective Concentration.

GHS: Globally Harmonized System.

IARC: International Agency for Research on Cancer.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

LOAEC: Lowest Observed Adverse Effect Concentration.

LOAEL: Lowest Observed Adverse Effect Level.

LOEC: Lowest Observed Effect Concentration.

NOAEC: No Observed Adverse Effect Concentration.

NOAEL: No Observed Adverse Effect Level.

NOEC: No Observed Effect Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

PNEC: Predicted No Effect Concentration.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

SVHC: Substances of Very High Concern.

UVCB - Unknown or variable composition, complex reaction products or Biological materials.

vPvB: Very Persistent and Very Bioaccumulative.

<b>Revision date</b>	18/07/2021
<b>Revision</b>	3
<b>Supersedes date</b>	18/01/2017
<b>SDS number</b>	14792

## Tough Black Gloss Paint

### 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.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.  
EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.