



**SAFETY DATA SHEET**  
HAMMERED FINISH PAINT FOR METAL

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Revision date: 30/03/17  
Revision No: 4.1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** HAMMERED FINISH PAINT FOR METAL

**Product code:** 0362,0256,0268,0280,0292,0363,0257,0269,0281,0293

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

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Granville Oil & Chemicals Ltd.  
Unit 29 Goldthorpe Industrial Estate  
Goldthorpe  
Rotherham  
South Yorkshire  
S63 9BL  
United Kingdom

**Tel:** +44 (0)1709 890099

**Fax:** +44 (0)1709 891121

**Email:** technical@granvilleoil.com

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0)1709 890099  
(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Flam. Liq. 3: H226; STOT SE 3: H336; Aquatic Chronic 3: H412; -: EUH208

**Most important adverse effects:** Contains meko. May produce an allergic reaction. Flammable liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH208: Contains meko. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



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**Signal words:** Warning

**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261: Avoid breathing vapour/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P370+378: In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  
P403+233: Store in a well-ventilated place. Keep container tightly closed.  
P405: Store locked up.  
P501: Dispose of contents/container to in accordance with national regulations.

**2.3. Other hazards**

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

NAPHTHA (PETROLEUM),HYDROTREATED HEAVY

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-150-3	64742-48-9	-	Flam. Liq. 3: H226; STOT SE 3: H336; Asp. Tox. 1: H304	30-50%

SOLVENT NAPHTHA (PETROLEUM),LIGHT AROMATIC

-	64742-95-6	-	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	1-10%
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1,2,4-TRIMETHYLBENZENE

202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	1-10%
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MESITYLENE

203-604-4	108-67-8	-	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1-10%
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2-METHOXY-1-METHYLETHYL ACETATE

203-603-9	108-65-6	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	1-10%
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MEKO

202-496-6	96-29-7	-	Acute Tox. 4: H312; Eye Dam. 1: H318; Skin Sens. 1: H317; Carc. 2: H351	<1%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical advice if symptoms persist.
- Eye contact:** Remove any contact lenses and open eyes wide apart. Bathe the eye with running water for 15 minutes. Seek medical attention if symptoms persist.
- Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
- Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If symptoms persist consult a doctor

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

- Skin contact:** There may be irritation and redness at the site of contact. Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe skin irritation.
- Eye contact:** There may be irritation and redness. The eyes may water profusely. May cause severe eye irritation
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Prolonged inhalation of high concentrations may damage respiratory system.
- Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Treat symptomatically

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**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Flammable. In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool containers at risk with water.

**Section 6: Accidental release measures**

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

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**7.3. Specific end use(s)**

Specific end use(s): No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**NAPHTHA (PETROLEUM),HYDROTREATED HEAVY**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000 mg/m <sup>3</sup>	-	-	-

**1,2,4-TRIMETHYLBENZENE**

UK	125 mg/m <sup>3</sup>	-	-	-
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**MESITYLENE**

UK	25 ppm	-	-	-
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**2-METHOXY-1-METHYLETHYL ACETATE**

UK	274 mg/m <sup>3</sup>	548 mg/m <sup>3</sup>	-	-
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**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Various

**Odour:** Characteristic odour

**Evaporation rate:** No data available.

**Solubility in water:** Not miscible

**Viscosity:** Viscous

**Boiling point/range°C:** Approx. 140 deg

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** 0.7%

**upper:** 7%

**Flash point°C:** 38 (closed cup)

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**Autoflammability°C:** No data available.

**Relative density:** 0.90-1.10

**VOC g/l:** 475 maximum

**Part.coeff. n-octanol/water:** No data available.

**Vapour pressure:** No data available.

**pH:** No data available.

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**10.5. Incompatible materials**

**Materials to avoid:** Acids. Oxidising agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**1,2,4-TRIMETHYLBENZENE**

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

**MESITYLENE**

IPR	GPG	LDLO	1303	mg/kg
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**2-METHOXY-1-METHYLETHYL ACETATE**

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact. Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe skin irritation.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. May cause severe eye irritation

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Prolonged inhalation of high concentrations may damage respiratory system.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Target organs: Skin, eyes, respiratory system, lungs

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

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

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**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of waste and packaging to licensed waste disposal site in accordance with the requirements of the local Waste Disposal authority

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1263

**14.2. UN proper shipping name**

**Shipping name:** PAINT

**14.3. Transport hazard class(es)**

**Transport class:** 3

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

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**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
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.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
H411: Toxic to aquatic life with long lasting effects.  
H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.