



HQC METAL PAINT

1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code:	HQMP
1.02 Product Name:	HQC Metal Paint
1.03 Synonyms:	High Quality Metal Paint
1.04 Manufacturer/Supplier:	Thermilate Technologies Ltd.
1.05 Address:	Unit 48 Birds Royd Lane BRIGHOUSE West Yorkshire HD6 1NG
1.06 Contact:	Operations Director
1.07 Phone Number:	0845 680 6124

2. COMPOSITION/INFORMATION ON INGREDIENTS

2.01 Components:	Water, Solvent Free Vinyl Acetate VeoVa Acrylic Polymer, Clay, Talc (Calcium Carbonate), Titanium Dioxide, Mineral Pigments Thickeners, Defoamers, Surfactants and Thermilate.
2.02 Hazardous Components:	None according to EU directive 88/379/EC

3. HAZARD INFORMATION

- 3.01 Harmful by inhalation.
- 3.02 May cause skin irritation. If the skin irritation develops or persists, wash with plenty of soap. Wash Clothing before use. Seek medical advice and clearly identify substance.
- 3.03 Flammable.

4. FIRST AID MEASURES

4.01 Eye Contact:	Flush out with clean water for 10 minutes. Get medical help, if necessary.
4.02 Skin Contact:	Wash area of contact with soap and water.
4.03 Ingestion:	Seek urgent medical attention.
4.04 Inhalation:	Move to fresh air, if unconscious turn into recovery position. Get medical help.

5. FIRE PREVENTION MEASURES

5.01 Small Fires:	Use Carbon Dioxide, dry chemical, foam, sand, earth or water fog.
5.02 Large Fires:	Use foam or water fog. Keep containers cool by spraying with water.
N.B.	Decomposition products will give rise to toxic fumes. Self-contained breathing apparatus must be worn.

6. ACCIDENTAL RELEASE MEASURES

- 6.01 In case of spillage, extinguish all ignition sources, avoid sparks, flames, heat and smoking. Ventilate.
- 6.02 Absorb spillage using vermiculite, dry sand or earth and place in container.
- 6.03 Avoid inhaling vapour, evacuate personnel from area.
- 6.04 If it has entered the drains, inform the appropriate authorities (fire service).



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7. HANDLING & STORAGE

- 7.01 Avoid contact with skin or eyes.
- 7.02 Avoid breathing vapours.
- 7.03 Handle in a well-ventilated workspace.
- 7.04 Empty containers may contain explosive vapours.
- 7.05 Flush empty containers with water to remove residual flammable liquid and vapours.
- 7.06 Smoking in area is prohibited.
- 7.07 Remove all equipment, which may be sources of ignition, from vicinity while handling.

8. PERSONAL PROTECTION MEASURES

INGREDIENT	CAS No	STD	LONG TERM EXPOSURE (HRS)	SHORT TERM EXPOSURE (HRS)
Aromatic Hydrocarbons	1330/20/7	OES	100 ppm (sk)	50 ppm (sk)
Alcohols	71/36/3	OES	No std	50 ppm (sk)

Eye Protection: Close fitting goggles or face shield.
Skin Protection: Overalls with solvent resistant gloves.
Respiratory Protection: In poorly ventilated areas a cartridge mask suitable for solvent vapours and toxic particles is recommended.

9. PHYSICAL DATA

9.01 Colour:	Custom HQC
9.02 Gloss:	Semi-gloss
9.03 Viscosity:	110 +/- 10 secs b4 @ 20c
9.04 Drying:	A.D. Touch: 30 mins - A.D. Hard Dry: 2 – 4 hrs
9.05 Cure:	15 mins @120c
9.06 Application visc:	As supplied
9.07 Thinners:	Any solvent based thinners.
9.08 Mixing ratio:	N/A
9.09 Flash point:	22 – 32c
9.10 Resistance:	750 k +/- 100 k
9.11 S.G.:	1.00 +/- 1.35
9.12 Supplied solids:	45 +/- 2% by weight - 40 +/- 2% by volume
9.13 Calculated supplied V.O.C:	500 – 550 Gms/Lt
9.14 Coverage:	5-7 Sqm/Ltr (Assuming 100% transfer efficiency)
9.15 Application methods	By brush or spray. Nb. REMOVE ALL FILTERS PRIOR TO SPRAYING

10. STABILITY AND REACTIVITY

10.01 Stability:	Stable
10.02 Reaction with water:	None
10.03 Dangerous reactions:	None known
10.04 Hazardous polymerisation:	Will not occur
10.05 Materials to avoid:	Strong oxidising agents
10.06 Dangerous decomposition products:	Carbon Monoxide, Carbon Dioxide and Nitrogen Dioxide. Nitrogen Dioxide reacts with water to form corrosive Nitric Acid.



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11. TOXICOLOGICAL DATA

Can cause irritation to eyes, mucous membranes and skin.

12. ECOLOGICAL DATA

No data available.

13. DISPOSAL

This material must be disposed of via an Authorised Waste Disposal Company in accordance with Local and National Waste Disposal Regulations.

14. TRANSPORT INFORMATION

14.01 Hazard class:	3
14.02 UN number:	1263
14.03 Hazard label:	Flammable Liquid Paint Class 3
14.04 Packing group:	3
14.05 Tremcard No:	33
14.06 Marine pollutant:	No
14.07 A.D.R.:	Class 3 item 3 1(c)

15. REGULATORY INFORMATION

15.01 Primary risk:	Flammable
15.02 Secondary risk:	Harmful
15.03 Label risk phrases:	R10 Flammable R20 Harmful by inhalation R21 Harmful by contact with skin R22 Harmful if swallowed R23 Toxic by inhalation R38 Irritating to skin
15.04 Label safety phrases:	S9 Keep containers in a well-ventilated place S16 Keep away from sources of ignition on S23 Do not breathe vapour S29 Do not empty into drains S33 Take precautionary measures against static discharge S38 In case of insufficient ventilation wear suitable respiratory equipment.

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16. OTHER INFORMATION

This information should be used as a supplement to other information obtained to make independent judgement of suitability and to ensure proper use and protect the health and safety of employees.

Judgement as to the suitability of the information herein for the purchaser's purposes are necessarily purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, Thermilate Technologies Ltd extends no warranties, makes no representations and assumes no responsibility as to the accuracy of suitability of such information for application to purchasers intended purpose or for consequences of its use.



Prepared by Thermilate Technologies Ltd

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This Product Data Sheet supersedes all other previously dated sheets for this product.