



HQC SOLAR REFLECTIVE ROOF PAINT

1. PRODUCT AND COMPANY IDENTIFICATION

1.01 Product Code: HQSR
 1.02 Product Name: HQC Solar Reflective Roof Coating
 1.03 Synonyms: High Quality Solar Reflective Roof Coating
 1.04 Intended Use: Roof coating
 1.05 Manufacturer/Supplier: HQC
 1.06 Address:
 10 Church Street
 Paddock
 HUDDERSFIELD
 HD1 4TR
 1.07 Contact: Operations Director
 1.08 Phone Number: +44 0845 680 3902

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Hazardous components					Vapour Pressure	Weight %
Titanium Dioxide (d)	13463-67-7	10mg/m3	10mg/m3	None	N/A	5 - 15
Calcium Carbonate (d)	1317-65-3	10mb/m3	10mb/m3	None	N/A	25 - 35

(d) Hazardous as dust when product is sanded
 Carcinogenicity NO
 Iarc Monographs NO OSHA
 Regulated NO

3. PHYSICAL/CHEMICAL CHARACTERISTICS

3.01 Boiling range: Not applicable - water based material.
 3.02 Kilograms per litre: 0.9
 3.03 Specific gravity (H2O=1): 1.4
 3.04 Vapour density: Lighter than air.
 3.05 Evaporation rate: Slower than ether.
 3.06 Solubility in water: Yes
 3.07 Appearance and odour: N/A
 3.08 VOC: Low - 0.30% to 7.100%

4. FIRE & EXPLOSION HAZARD DATA

4.01 Flash point: Not applicable.
 4.02 Method used: Not applicable.
 4.03 Flammable limits in air by volume: Lower - not applicable Higher - not applicable.
 4.04 Extinguishing media: Foam, Alcohol foam, CO², Dry Chemical, Water Fog,
 4.05 Special fire fighting procedures: Keep people away. Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus.
 4.06 Unusual fire and explosive hazards: Cool closed container with water. Closed containers may explode when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.



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5. REACTIVITY DATA

5.01 Stability:	Stable.
5.02 Conditions to Avoid:	None.
5.03 Incompatibility (Material to Avoid):	Incompatible with silicone. Do not paint over silicone paints/coatings
5.04 Hazardous Decomposition or byproducts:	None.
5.05 Hazardous Polymerization:	Will not occur.

6. HEALTH HAZARD DATA

6.01 Inhalation health risks and symptoms of exposure:	Vapours or mists can cause drowsiness, cough, bronchitis, blurred vision, irritation of mucous, nausea, headache, dizziness, weakness and loss of coordination.
6.02 Skin and eye contact health risks and symptoms of exposure:	May cause irritation.
6.03 Skins absorption health risks and symptoms of exposure:	May cause irritation.
6.04 Ingestion health risks and symptoms of exposure:	May cause headache, gastrointestinal irritation, nausea, vomiting and diarrhoea.
6.05 Health hazards (acute & chronic) including target organs:	This product may contain some material which at a normal low level should not present a problem.
6.06 Medical conditions generally aggravated by exposure:	Any respiratory or skin condition may be aggravated.
6.07 Emergency and First aid procedures.	Inhalation: Remove to fresh air. Eyes: Flush immediately with water. Consult physician if irritation persists. Skin: Remove with soap and water. Remove contaminated clothing. Ingestion: Drink 1 to 2 glasses of water to dilute. DO NOT induce vomiting because aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Consult physician or Poison Control Centre immediately. Treat symptomatically.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

7.01 Steps to be taken in case material is released or spilled:	Keep unnecessary people away. Ventilate enclosed spaces and avoid breathing vapours. Wear protective equipment observing precautions on this sheet. Contain and soak up spills with inert material (such as clay, sand, etc.)
7.02 Waste disposal method:	Place in non-leaking containers, seal tightly and label properly for disposal. A health hazard may still exist since absorbent materials will only absorb liquid; they will not absorb vapours. Observe all national and local regulations concerning disposal of hazardous waste.
7.03 Precautions to be taken in handling and storage:	Keep containers closed when not in use. Store and use only in well ventilated areas. Avoid breathing vapours or spray mist. Avoid eye or skin contact. Wash thoroughly after handling. Never transfer material to an unlabelled container.
7.04 Other precautions:	Read and observe precautions on product label and this sheet. Keep out of reach of children. Empty containers may be hazardous from residues of product and vapour and all precautions on this sheet apply to them.



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8. CONTROL MEASURES

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|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 8.01 Respiratory information: | None required under normal conditions. Filter recommended to remove solid airborne particles of over spray during spray application. |
| 8.02 Ventilation: | Not for use in confined areas. Use only with adequate ventilation. |
| 8.03 Eye protection: | Face mask recommended for spray application. |
| 8.04 Other protective clothing and equipment. | Cotton or cotton/synthetic overalls are normally suitable. |
| 8.05 Work/hygienic practices: | Wash hands before eating, drinking, smoking or using the bathroom. |

9. 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 the purchaser's responsibility. Therefore although reasonable care has been taken in the preparation of such information, HQC 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 HQC
Dated: 28th AUG 2013
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Reviewed: 20th MAY 2015
This Product Data Sheet supersedes all other previously dated sheets for this product.