




## Potassium silicates

### SAFETY SHEET

<b>1 PRODUCT AND COMPANY IDENTIFICATION</b>
<b>Product identification</b> FotoSil <b>Trade name</b> PHOTO-CATALYTIC ECO-PAINT <b>Product description</b> A mineral (silicate) wall covering with photocatalytic, self-cleaning, pollution reducing, deodorising and anti-bacterial properties.
  33-34 Colesbourne, Nr. Cheltenham, Gloucestershire, GL53 9NP Tel: 0845 050 6937 Fax 01242 870637
<b>2 INGREDIENT COMPOSITION/INFORMATION</b>
<b>This product is a compound.</b> Contains mineral additives, inorganic pigments and a potassium silicate binding. The product does not contain any harmful substances as per the guidelines of Directives 67/548/EEC and 199/45/EC
<b>3 IDENTIFYING DANGERS</b>
The product is non-inflammable. This product is not classified as dangerous as per Directives 67/548/EEC and 199/45/EC <b>POTENTIAL ENVIRONMENTAL DAMAGE</b> No known risks
<b>4 FIRST AID ACTIVITIES</b>
<b>Contact with the eyes</b> Wash with copious amounts of water. <b>Contact with the skin</b> Wash with a delicate soap and water. <b>Inhalation</b> Ventilate the environment. <b>Ingestion</b> Do not induce vomiting, consult a doctor immediately. See section 8 for PPE and first aid.

<b>5 SAFETY MEASURES AGAINST FIRE</b>
<p><b>Means of extinguishing</b> THE PRODUCT IS NON-INFLAMMABLE.  <b>Inappropriate means of extinguishing</b> NONE  <b>Type of exposure that could increase substance inflammability.</b> NONE  <b>Product decomposition</b> DECOMPOSITION OF THE PRODUCT IS NOT DANGEROUS  <b>Special protection equipment.</b> NOT NECESSARY</p>
<b>6 PRECAUTIONS IN THE EVENT OF ACCIDENTAL SPILLAGE</b>
<p><b>Personal protection</b> Use eye and skin protection  <b>Environmental precautions</b> Avoid contaminating waste and clean waters  <b>Cleaning methods</b> Absorb with sand, soil or vermiculite etc. Dispose of at an authorised centre. Wash with water, not solvents See section 8 for checks following exposure and PPE. See section 13 for disposal requirements.</p>
<b>7 HANDLING AND STORAGE</b>
<p><b>HANDLING Workplace precautions</b> Natural ventilation  <b>Protecting against inhalation</b> Not necessary  <b>Protecting the eyes</b> Protective glasses  <b>Protecting the skin</b> Gloves  <b>Personal protection</b> Work clothing  <b>STORAGE</b> Store the material at between +5° and +40°</p>
<b>8 EXPOSURE CHECKS/PERSONAL PROTECTION</b>
There are no specific precautions required against exposure. Comply with the advice given in section 7
<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>
<p><b>General information Appearance</b> Liquid  <b>Smell</b> Almost odourless  <b>Important information for health, safety and the environment</b> pH Boiling point/boiling threshold  Vapourisation point Inflammability Explosive properties Oxidising properties Steam pressure Specific weight Solubility in water (%weight) Solubility in alcohol (%weight) Fat solubility (solvents-oils) Partition coefficient (n-octanol/water) Viscosity Steam density (water=1) Degree of evaporation  <b>Other information</b> Flash point Auto-ignition temperature % Volatility in relation to weight 11.5 Not determined, but &gt;100°C Not applicable Non-inflammable Not applicable Has no oxidising properties 2kPa (20°C) 1.43 g/lit Easily dissolved in water Not measured Not measured Not measured Not measured Not measured Not measured Not applicable Not applicable 45%</p>

<b>10 STABILITY AND REACTIVITY</b>
<b>Stability</b> Chemically stable See section 7 <b>Conditions to be avoided</b> None
<b>11 TOXICOLOGICAL INFORMATION</b>
Harmful effects can be discounted assuming correct handling Assess the concentration levels of possibly dangerous individual components in the compound (see section 2) <b>Acute toxicity</b> OECD test after 4 hours The product does not cause irritation to the skin
<b>12 ECOLOGICAL INFORMATION</b>
Use in line with Good Working Practices and dispose of the product with care <b>Ecotoxicity</b> No known effects
<b>13 DISPOSAL REQUIREMENTS</b>
<b>Safety requirements for waste and residues</b> Avoid contaminating waste waters, clean waters and the environment. Put all waste in sealed containers and send to authorised disposal centres. The use of air-tight containers is recommended to prevent product leaks.

<b>14 INFORMATION REGARDING TRANSPORT</b>	
ADR/RID IMO-IMDG IATA-ICAO	This product is not classified as dangerous to transport This product is not classified as dangerous to transport This product is not classified as dangerous to transport
UN/NA I.D. Number (1) Hazard Class (2) Packaging group (3) Technical/trade name (4)	NONE NONE NONE EcoPittura photocatalytic potassium silicate
DOT Shipping name Item N° U.S. Reportable Quantity (RQ) (lbs): Marine Pollutant Status Emergency Schedule IMFG IMO U.S. DOT Label U.S. DOT Placard U.S. STCC N° U.K. Emergency Action Code Passenger Aircraft Cargo Aircraft ERG Number ADR/RID IMO/IMDG Class IATA/ICAO Classification	NONE NONE NONE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NONE NONE NONE NOT APPLICABLE NOT APPLICABLE NOT APPLICABLE NONE NOT REGULATED (not dangerous to transport) NOT REGULATED (not dangerous to transport) NOT REGULATED (not dangerous to transport)
<b>15 INFORMATION ABOUT STANDARDS</b>	
Standards as per the Directive on "preparations" 88/379 EEC and later modifications passed with Ministerial Decree dated 28.01.92 <b>SYMBOLS CONTAINS PHRASES R</b> R36/38 – Irritating for the eyes and the skin <b>PHRASES S</b> S26 – In the event of contact with the eyes, wash immediately with water and consult a doctor S36/37/39 – Wear protective clothing and suitable gloves and protect your eyes/face. <b>EEC Requirements</b> This product is not classified as dangerous as per Directives 67/548/EEC and 199/45/EC	