

Reference Number  
 Revision Date  
 Revision Number  
 Material/Trade Name

KW251000  
 25/10/00  
 0

**French Enamel Varnish**

**1/ Substance Identification**

Material/Trade Name  
 Material Type  
 Company  
 Address  
 Telephone  
 Fax  
 Emergency Telephone

Transparent Polish (3-20% Methanol)  
 Brodie & Middleton  
 68 Drury Lane  
 London WC2B 5SP  
 020-7836 3289  
 020-7497 0554  
 020-7836 3289

**2/ Composition**

**Substance**  
 Ethanol (F;R11)  
 Methanol (F;R11 T;R23/R25)

**% Wt** 40-75  
 3-20  
**Cas Number** 64-17-5  
 67-56-1  
**EEC Number** 200-578-6  
 200-659-6

**3/ Hazard Identification**

**A/ Hazard Symbols**



**B/ Risk & Safety**

Highly Flammable  
 Harmful by inhalation and if swallowed  
 Keep locked up and out of reach of children  
 Keep away from sources of ignition—no smoking  
 Keep container tightly closed  
 If swallowed, seek medical advice and show this sheet  
 Avoid contact with skin and eyes

**4/ First Aid Measures**

**A/ Inhalation**

Remove to fresh air and rest  
 Get prompt medical attention

**B/ Eyes**

Irrigate with water for at least 15 minutes  
 Get prompt medical attention

**C/ Skin**

Remove contaminated clothing  
 Wash with soap/cleanser and rinse with plenty of water  
 If irritation persists, obtain medical attention

**D/ Ingestion**

Do not induce vomiting  
 Give plenty of water to drink  
 Beware of aspiration if vomiting occurs  
 Seek medical attention immediately

**5/ Fire Fighting Measures**

**A/ Suitable Extinguishers**

Dry Powder—Blue  
 Alcohol Foam  
 Carbon Dioxide (CO2) - Black

**B/ Unsuitable Extinguishers**

Do not use water jets

**C/ Hazardous Decomposition**

Decomposes to produce irritating fumes

**D/ Special Procedures**

Use approved self-contained breathing apparatus  
 Wear fire retardant clothing  
 Use water spray to cool containers  
 Use water fog to disperse vapours and leaks that have not ignited

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**6/ Accidental Release Measures**

**A/ Exposure Controls**

Ventilate area  
 Eliminate all sources of ignition  
 Do not allow spill to enter drains or watercourses  
 Isolate the spillage

**B/ Personal Protection**

If skin contamination is likely, wear impervious overalls  
 Wear rubber gloves  
 Use eye protection such as goggles to BS2092  
 Chemical Grade  
 Wear suitable respirators for large spillages and in confined spaces

**C/ Disposal Considerations**

Absorb in inert material such as sand or absorbent granules  
 Scoop up and place in plastic container to await transfer  
 Dispose in accordance with local authority regulations

**7/ Handling and Storage**

**A/ Handling**

Avoid inhalation of vapour  
 Ensure adequate ventilation  
 Avoid skin contact  
 Avoid eye contact  
 Avoid sources of ignition  
 Wear suitable protective clothing (see Section 8)

**B/ Storage**

Store in tightly closed labelled containers  
 Containers should be earthed  
 Store in cool, dry, well ventilated area  
 Store away from ignition sources  
 Store in labelled lockable metal flammable stores

**8/ Exposure Controls**

Occupational Exposure Limit  
 Biological Exposure Limit

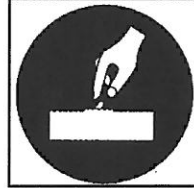
1000ppm 8hr TWA Ethanol  
 Not assigned

200ppm 8hr TWA 15min STEL methanol

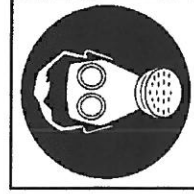
**Wear Rubber Gloves**



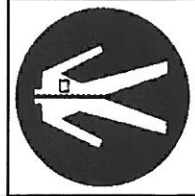
**Use in Well Ventilated Areas**  
**Mechanical Control Takes Precedence**



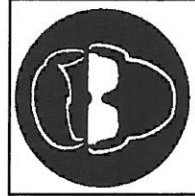
**Use a Suitable Respirator When OEL is Likely to be Exceeded—Filter Type A**



**Wear Suitable Overalls**  
**Change Contaminated Clothing**



**Wear Eye Goggles if Splashing is Likely**



**If Skin is Contaminated**  
**Wash off Immediately**



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**9/ Physical & Chemical Properties**

Appearance Liquid  
 Odour Alcoholic  
 Ph N/A  
 Boiling Point/Range Final bpt 78°C  
 Melting Point/Range N/A  
 Flash Point <21°C  
 Flammability Highly Flammable  
 Autoflammability 365° for ethanol  
 Explosive Properties LeI 3.5% uel 19% for ethanol  
 Oxidising Properties None  
 Vapour Pressure 58mbar (20°C) for ethanol  
 Relative Density 0.8 - 0.9  
 Solubility N/A  
 Partition Coefficient N/D  
 Miscibility N/D  
 Vapour Density Solvent is miscible with water and many solvents  
 Evaporation Rate N/D  
 Viscosity N/D

N/A Not Applicable  
 N/D Not Determined

**10/ Stability and Reactivity**

Stability  
 Conditions to Avoid Contains volatile solvent  
 Hazardous Decomposition Products Sources of ignition  
 Materials to Avoid Solvent vapours  
 Conditions to Avoid Oxidising agents  
 Conditions to Avoid Heat  
 Direct sunlight

**11/ Toxicological Information**

No Toxicity Data Available for Preparation  
 Ethanol  
 Methanol  
 Routes of Exposure  
 Health Effects  
 Health Effects  
 Health Effects  
 Chronic Effects

Ord - Rat LD50:7060mg/kg  
 Ord - Rat LD5628mg/kg  
 Inhalation, skin and eye absorption, ingestion  
 Irritating to respiratory system  
 Irritating to eyes  
 Inhalation may cause depression of the CNS  
 May cause kidney and liver damage

**12/ Ecological Information**

Not Expected to Persist in the Environment  
 Ecotoxicity  
 Not Expected to Bioaccumulate  
 Log P Octanol/Water

Ethanol: LC50 96hr (Rainbow Trout) = 10,400ppm  
 - 0.3 (Ethanol)

**13/ Disposal Considerations**

Waste materials must be treated as a fire hazard  
 Incinerate through a licensed site  
 Do not discharge into drains or watercourses  
 Dispose of in accordance with local authority regulations

**14 Transport Information**

UN/SI Number 1263  
 IMO Class 3.2  
 IATA/ICAO Class 3  
 ADR/RID Class 3  
 Transport Name UK Road - PAINT  
 Hazchem/Kemler Code 2[Y]/E/33

Marine Pollutant - No

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**15/ Regulatory Information**

**A/ Hazard Symbols**



**B/ Risk and Safety**

Highly Flammable  
Harmful by Inhalation and if Swallowed  
Keep Locked up and out of Reach of Children  
Keep Away from Sources of Ignition  
No Smoking  
Keep Container Tightly Closed  
If Swallowed, Seek Medical Advice and Show this Sheet  
Avoid Contact with Skin and Eyes

**C/ Other Regulations**

Health and Safety at Work Act 1974  
Control of Substances Hazardous to Health 1988  
Environmental Protection Act 1990

**D/ Transport Information**

UN/SI Number  
IMO Class 3.2  
IATA/ICAO Class 3  
ADR/RID Class 3  
Transport Name  
Hazchem/Kemler Code

1263  
Packing Group II  
Packing Group II  
Item 5(b)  
UK Road - PAINT  
2[Y]E/33

Marine Pollutant - No

**16/ Other Information**

Not Applicable

This data is compiled to be of assistance but is without guarantee.  
Users are responsible for safe working. E&OE