

# Product Data Sheet

390-(9)-04/15



ISSUED: 29 April 2015

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## 390 Bituminous Enamel



*A black bituminous coating designed for the sealing or porous surfaces and the protection of metal substrates from corrosion.*

**USES:** 390 Bituminous Enamel is recommended where a moisture barrier coating is required with good resistance to chemical fumes and splashes.

**SURFACE PREPARATION:** Ensure all surfaces are clean, dry and free from oil and grease.

**Steel:** Abrasive Blast, Power tool clean or wire brush to remove rust. Best results will be obtained by abrasive blast cleaning or power tool cleaning.

**Timber:** Surface to be painted should be free from oil and grease. Repair damaged areas.

**Masonry:** Ensure dry and free from mould, moss and lichens. Remove all powdery material. Repair damaged areas.

**APPLICATION:** 390 Bituminous Enamel can be applied by conventional or airless spray, brush or roller. Stir thoroughly until product is uniform.

Brush / Roller: Thinning is not normally required. For increased penetration in masonry thin the first coat by 20%-30% and apply.

**Conventional Spray:** 1.5 mm to 2mm Fluid nozzle at an air pressure of 45 to 50 psi (300-350kPa) is recommended. Thin approximately 30% with T-80 Reducer.

**Airless Spray:** Recommended Tip size is 13 to 15 thou (330 – 380 µm) Thin approximately 10-15% with T-80 Reducer.

**CLEAN UP:** T-80 Reducer.

**DRYING:** Touch dry 4-5 hours. Hard dry 16 hours at 25°C.

**COLOUR:** Black.

**FINISH:** Gloss.

**COVERAGE:** Theoretical coverage is 10 m<sup>2</sup>/Litre at 50 micrometres dry film thickness.

**PACK SIZES:** 20 Litre, 4 Litre, 1 Litre.

**VEHICLE TYPE:** Bitumen.

**PIGMENT TYPE:** Not Applicable.

### FILM PROPERTIES:

Solvent Resistance	Poor.	Chemical Resistance	Fair.
Abrasion Resistance	Good.	Impact Resistance	Good.
Heat Resistance	Good.	Flexibility	Good.

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Customers need to appreciate that as Topline Paint cannot control the conditions under which our products are used, we therefore are unable to guarantee suitability or accuracy in every situation. If any doubt exists, do check with our technical people. Before large-scale use always test on a small sample and ascertain suitability. No warranties express or implied are made. The risks and liability arising from handling, storage, use and compliance with legal restrictions, rests with the buyer.





## 390 Bituminous Enamel

**OTHER INFORMATION:** 390 Bituminous Enamel should not be used in food contact or near food contact applications. This also applies to the collection of drinking water for human or animal consumption (potable water). 390 Bituminous Enamel is sometimes used to extend the life of rusty guttering. If this is done then the water should not be collected in a rain water tank.

390 Bituminous Enamel like any bituminous finish will bleed into solvent or turps based paints (and some water based paints) with which it is over-coated. It should be used as a stand alone coat only and not over-coated. If you are considering over-coating this product please contact our Technical Department.

### PRECAUTIONS:

*The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Topline Paint and one will be provided.*

**Safety Directions:** **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

**First Aid Instructions:** If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

**Leaks, Spills and Disposal:** To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

**Fire:** Use foam and breathing apparatus. Avoid breathing products of combustion.

**Hazard:** The coloured square at the top of page 1 is provided for a quick reference as to the hazard level of a product. Blue refers to coatings with low hazard (eg water based wall paints). Yellow refers to medium hazard products such as QD enamels, which contain solvents, are flammable and need respirators for vapour protection. Red refers to products with special hazards such as isocyanate cured two pack finishes.