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Tel. for Information: (07) 3245 2307 Last Updated: March 2010	Fax for Information: (07) 3245 2499 Page 1 of 1
<b>Technical Data Sheet</b>	<b>DCM Black N Zinc Aerosol</b>

## **DESCRIPTION AND USE**

**DCM BLACK N ZINC** is a fast drying, industrial strength, 100% epoxy coating designed to protect steel against corrosion, at the same time giving a gloss black appearance to the treated surface. **BLACK N ZINC** gives corrosion resistance via both barrier protection (the combination of 100% epoxy binder and metallic pigment), and sacrificial protection via the presence of zinc. **BLACK N ZINC** uses a 93% purity zinc dust, and the dry film contains 48% zinc dust.

## **APPLICATIONS**

**BLACK N ZINC** is ideal to touch up and coat welded joints on metal structures, air-conditioning ducting, fences, guttering, farm, marine and automotive equipment and is suitable for use on all types of ferrous substrates. It will provide a minimum of 5 years of service on exterior exposure.

## **SURFACE PREPARATION**

The surface to be painted must be clean, dry and free from all rust, oil, grease, weld flux and flaking paint. Do not apply **BLACK N ZINC** over rust converter, as the acid will react with the zinc dust and lead to gassing and bubbling, which will render the zinc protection inactive. Ensure ball is rattling freely and shake can thoroughly for two minutes, and occasionally during use. **BLACK N ZINC** will be dry to touch in 30 mins and can be recoated after one hour. Full cure 1-2 days.

## **TECHNICAL DATA**

<b>Appearance:</b>	Black coloured liquid in aerosol can
<b>Odour:</b>	Typical hydrocarbon solvent odour
<b>Boiling Point:</b>	-24.8°C (dimethylether propellant)
<b>Vapour Pressure:</b>	4450mm Hg @ 20°C (dimethylether propellant)
<b>Flash Point:</b>	-4°C (dimethylether propellant)
<b>Freezing/Melting Point:</b>	-141.5C (dimethylether propellant)
<b>Flammability Limits:</b>	3.4% to 26.7% in air (v/v) (dimethylether propellant)
<b>Density:</b>	1.1
<b>Solubility in Water:</b>	Insoluble
<b>Autoignition Temp:</b>	350°C (dimethylether propellant)
<b>Ph.:</b>	Not Available
<b>Percent Volatiles:</b>	>60%
<b>Other Properties:</b>	Incompatible with oxidising substances

### **CAUTION: PRODUCT IS HIGHLY FLAMMABLE.**

For more information please refer to Material Safety Data Sheet.

**PACKAGING**      D1006 - 400g    AEROSOL

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