HiChem Paint Technologies Pty Ltd.
73 Hallam South Road Hallam, Vic 3803
Phone (03) 9796 3400 Fax (03) 9796 4500
ABN 95 064 139 653

PRODUCT INFORMATION SHEET

13-3-12

QUICK DRYING SPRAY ENAMEL

Description:

A general purpose, quick drying, alkyd spraying enamel exhibiting high gloss, excellent interior durability. Suitable for interior and short term exterior use. Moderate exterior durability, corrosion resistance and gloss retention.

Uses:

HiChem Quick Drying Spray Enamel is intended for use both for structural maintenance and new building construction projects, on a variety of general metal surfaces, as well as timber, brick, plaster, masonry, etc after application of a suitable primer or undercoat.
By the addition of *HiChem Enamel Hardener* superior gloss, film hardness, chemical resistance and durability can be obtained. The addition of *Enamel Hardener* is desirable under poor drying conditions to speed drying.
By the addition of *Universal Flatting Base* lower gloss finishes can be achieved.
HiChem Quick Drying Spray Enamel is not intended for automotive respray, repair or touch up. For this purpose use *Motospray Acrylic Lacquer* or *Motospray Automotive Enamel*.

Surface Preparation:

Surfaces to be painted should be thoroughly prepared, cleaned and primed with a suitable primer.
Bare steel: Remove rust, old and scaling paintwork. Clean and degrease thoroughly with *Prepwash.* Use *Hichem Structural Primer 3240* or *3260* or *Super Etch Primer.* Use *Motospray Enamel Primer Surfacer* if sanding is required.
Non ferrous metals: Substrates such as aluminium, zinc-alum, copper and galvanised steel should first be abraded using a non-metallic abrasive pad.. Clean with *Prepwash* wax and grease remover. Then apply one light even coat of *Hichem Super Etch Primer* to a dry film thickness of 6-12 micron.
Pre-painted surfaces : Can be applied directly to pre-painted surfaces in sound condition after flatting and cleaning with *Prepwash.*

Thinning:

Thin with 15-25% *HiChem Enamel Thinners E250*. In warmer conditions (over 25^{o}C) or when painting larger areas, replace *E250* with *HiChem Mineral Turps.*
When using *Enamel Hardener* the amount of thinners added may need to be reduced. *Enamel Hardener* is used at a ratio of 16 parts by volume *Quick Drying Spray Enamel* to 1 part *Enamel Hardener* (which is 250 mls per 4 litre or approx. 60 mls per litre). Only mix enough paint and *Hardener* for the job at hand as mixed material has a short life before it gels.
Use of *Universal Flatting Base* (see Product Information Sheet) may require a reduction in the amount of thinners added.

Application:

After thinning, *Quick Drying Spray Enamel* is applied as follows:
Apply one light even coat.
Apply 1-2 full coats with 5 minute air flash between coats depending on temperature.

Spray Gun setup	Fluid tip	Air Pressure
suction	1.8	310-420 kPa (45-60 psi)
gravity feed	1.5	310-420 kPa (45-60 psi)

Application viscosity : 15-17 seconds by Ford No. 4 Cup at 20^{o}C.

Cleanup:

Use *Enamel Thinner E250* or *Mineral Turps*.

Drying Time :

At 20^{O}C, film build 40 microns.

- dust free - 20 minutes.
- touch dry - 1 hour.
- hard dry - overnight.

Note : Excessively thick films of *Quick Drying Spray Enamel* must be avoided or a permanently soft paint film may result.

Coverage:

Theoretical 15 m^2 per litre at 25 microns dry film thickness.

Volume Solids: 26-30%v/v

Colours :

A large range of Factory made colours are available ex stock or a multitude of colours are available through the *HiChem Quick Drying Spray Enamel Tinting System*. We will do special colour matches but conditions apply. Contact our representative or our sales office for details.

Standard Packages :

TINTERS : 4 Litres
COLOURS: 20 litres, 4 litres, 1 litre

Factory Colours :

Colour	**Product Code**
White	QDW
Toyota White 033	QDTW
Silver	QDS
Black	QDB
Satin Black	QDSBL
Flat Black	QDFB
Sand Y44	QDY44
Aqua (Arctic Blue) B25	QDB25
Navy Blue (Oxford Blue) B13	QDB13
Ford Tractor Blue (darker but with similar undertones to B24)	QDFTB
Pewter (Dark Admiralty Grey) N63	QDN63
Golden Yellow Y14	QDY14
Caterpillar Yellow (yellower than X11)	QDCY
New Caterpillar Yellow (darker than X21)	QDNCY
Orange X15	QDX15
Shamrock (JD Brilliant Green) G23	QDG23
Sapphire Blue B14	QDB14
Bottle Green (Deep Brunswick Green) G11	QDG11
Signal Red R13	QDR13
Ferguson Red (very similar to R14)	QDFR
Crimson (IHC/PO Red) R15	QDR15

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.