DATA SHEET

LUSTRE – LOW SHEEN - SILICONE ALKYD Topcoat

PRODUCT INFORMATION

Coating type:
Silicone modified alkyd.

Typical uses:
For use on suitably primed ferrous and non-ferrous metals.

Colours available:
Unlimited, including BS, RAL and many other ranges.

Appearance:
Low Sheen (between matt and satin)

Features and benefits:
- Outstanding durability and colour retention on weathering for excellent durability
- Heat resistant 120-150°C dependent on colour

TECHNICAL INFORMATION

Theoretical coverage:
13.3m^2 per litre at 40 microns dry film thickness

Film thickness:

	Wet film thickness	Dry film thickness
Typical:	75 microns	40 microns
Range:	45-95 microns	25-50 microns

Recommended primers:
SHIELD – UNDERCOAT and Matt Topcoat

V.O.C.:
716grm/ltr EPA Method 24
602grm/kg calculated from formulation to satisfy EU Solvent Emissions Directive
May vary with colour.

% Volume solids:
53% calculated from laboratory formulation
May vary with colour.

Drying time:

Temp.	Touch dry	Firm dry	Overcoat
5°C	7 hrs 30 mins	20 hrs	Overnight
10°C	6 hrs	16 hrs	Overnight
15°C	4 hrs 30 mins	12 hrs	Overnight
20°C	3 hrs	8 hrs	Overnight

Drying time will vary with temperature, air movement, etc.

SURFACE PREPARATION

Paint preparation before use:
Make sure that the paint is stirred well before use, making sure the bottom of the can is stirred as well to ensure the paint is mixed well.

Mixing ratio by volume:
N/A

Surface preparation:
All surfaces to be coated should be clean, dry, and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with ISO 8504:2000.

Ferrous and non-ferrous surfaces:
Normally applied over suitably primed surfaces

IF YOU NEED ANY ASSISTANCE OR ADVICE, PLEASE CONACT SML PAINTS - info@smlpaints.co.uk

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APPLICATION

Application conditions:
This material should preferably be applied at temperatures in excess of 10°C. Relative humidity should not exceed 90% and in these conditions good ventilation is essential. Substrate temperature should be at least 3°C above the dew point and always above 0°C.
At application temperatures below 10°C, drying and curing times will be significantly extended, and spraying characteristics may be impaired.

Airless spray:
Tip size: 9-11thou (0.23-0.28mm)
Tip pressure: Minimum 2000psi (137bar)

Conventional spray:
Tip size: 55thou (1.4mm)
Tip pressure: 40-60psi (2.76-4.14bar)

Brush application:
Apply evenly with a full wet brush.

Roller application:
This product is suitable to be rolled.

Thinning:
10% of SML Alkyd Thinner may be required when spraying the product to achieve optimum spray characteristics.

Clean-up:
Clean all equipment after use with SML Alkyd Thinner. Do not allow product to remain in hoses, guns, or spray equipment. All surplus product should be disposed of in accordance with appropriate regional regulations/legislation.

STORAGE AND PACKAGING

Storage:
Under cover within temperature range of 5°C to 32°C. Keep containers dry and tightly sealed to avoid moisture contamination.

Shelf life:
2 years in unopened containers when stored under cover within a temperature range of 5°C to 32°C or 'use by' date on packaging.

Pot life (at 20ºC):
N/A

Packaging:
2.5 and 1 litre packs

HEALTH AND SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant national, health, safety & environmental standards, and regulations

ADDITIONAL NOTES

The airless spray information given above is intended as a guide only. As conditions vary from job-to-job, it is the applicators responsibility to ensure all equipment in use has been set up to give the best results.

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IMPORTANT INFORMATION

The information supplied in this product datasheet is not intended to be exhaustive. Any person using the product for any other purpose than that specifically recommended in this product datasheet, without first obtaining written confirmation from SML Paints and Coatings as to the suitability of the product for the intended purpose does so at their own risk. All advice given about the product is correct to the best of our knowledge, however we have no control over the condition of the substrate, preparation or the many factors affecting the use and application of the product. Therefore, unless specifically agreed in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product.

SML Paints and Coatings warrants its products to be free from defects in material and workmanship. SML Paints and Coatings obligations and buyer's exclusive remedy relating to the products shall be limited, at SML Paints and Coatings option, to either replace the products not conforming the warranty or the credit of the buyers account in the invoiced amount of the non-conforming product. Any claim under this warranty must be made by the Buyer to SML Paints and Coatings in writing within five (5) days of the Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. The Buyer's failure to notify SML Paints and Coatings of such non-conformance as required herein shall bar the Buyer from recovery under this warranty.

The information detailed in this datasheet is liable to modification from time-to-time in the light of experience and our programme of product development. Before use, it is the customers responsibility to check with SML Paints and Coatings, quoting the product reference number and version reference at the bottom of the data sheet, to ensure that they have in their possession the latest issue.

Technical product datasheets are available from our website at www.smlmarinepaints.co.uk, and should be the same as this datasheet. Should there be any discrepancies between this document and the website version, then please contact SML Paints and Coatings.

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