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PRODUCT DATA SHEET

Waterbased Road Marking 201 White

Product Description

A high quality, single component water borne solvent free, non toxic road marking paint that dries within 5 minutes, as tested to Australian Standard Test Method AS 1580.401.8. This pure acrylic paint is very hard wearing, with excellent anti-skin properties.

The product complies with the requirements of APAS 0041/5 as well as the Australian Standard 4049.3:2005.

Product Code SR 201/01

Product Uses

A flat, durable, traffic marking paint suitable for use on bitumen, concrete, chipseal and over previous coatings.

Surface Preparation

Surfaces must be clean, free of surface contaminants and dry. Blow down to ensure removal of loose particles and dust. Use a broom to sweep away leaves and other contaminants.

Application

Apply by spray direct from the can, and using pedestrian line marking machines, or mobile, truck mounted airless spray units.

Notes and Limitations

This product is very fast drying, and every precaution must be taken to ensure that the paint tanks and cans are kept tightly closed to minimize skinning.

Safety Precautions

Refer to the relevant Material Safety Data Sheet (MSDS) Ref SR201MS.

Technical Information

Colour

White.

Finish

Flat.

Volume Solids

62 plus/minus 1%.

Flash Point

Not applicable.

Recommended Application Data

Application method:	Airless, Conventional Spray
Thinner/Cleaner:	Water.
W.F.T per coat:	375 – 400 microns.
D.F.T per coat:	235 – 250 microns.

Practical Coverage @ 200 microns DFT (allow appropriate loss factor):
3.1 square metres/litre.

Drying Time @ 25°C

Touch Dry:	5 minutes.
Hard Dry:	15 minutes.

Disclaimer

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PRODUCT DATA SHEET

Waterbased Road Marking 301 High Build White

Product Description

A high quality water borne non hazardous road marking paint that dries within 5 minutes, as tested to Australian Standard Test Method AS 1580.401.8. This pure acrylic paint is very hard wearing, with excellent anti-skin properties.

Supalux Waterbased Road Marking 301 High Build traffic paint is one of the most durable and reflective waterborne traffic paint systems available. Unlike standard traffic paints, 301 High Build utilizes an acrylic cross-linking emulsion that allows for applications of up to 650 microns wet film build. When cured, 301 High Build remains flexible providing superior durability with varying temperature conditions. 301 High Build's thicker application enables the use of larger glass beads which can improve retro reflectivity. 301 High Build can be applied through virtually all airless spray units. (refer to manufacturer's recommendations).

Specifications Met: Australian Standard AS 4049.3:2005

Australian Paint Approval Scheme APAS 0041/5

Product Code SR301/01

Product Uses

A flat, durable high build traffic marking paint suitable for use on bitumen, concrete, chipseal and over previous coatings, designed to provide longer term retro reflectivity with a wide range of glass spheres.

Surface Preparation

Surfaces must be clean, free of surface contaminants and dry. Blow down to ensure removal of loose particles and dust. Use a broom to sweep away leaves and other contaminants.

Application

Apply by spray direct from the can, and using pedestrian line marking machines, or mobile, truck mounted airless spray units.

Notes and Limitations

This product is very fast drying, and every precaution must be taken to ensure that the paint tanks and cans are kept tightly closed to minimize skinning.

Safety Precautions

Refer to the relevant Material Safety Data Sheet for "WATERBASED ROADMARKING 301 HD WHITE".

Technical Information

Colour

White.

Finish

Flat.

Flash Point

Not applicable.

Recommended Application Data

Application method:	Airless, Conventional Spray
Thinner/Cleaner:	Water.
W.F.T per coat:	300 – 650 microns.
D.F.T per coat:	186 – 400 microns.

Practical Coverage @ 300 microns DFT (allow appropriate loss factor):
2.06 square metres/litre. Allow appropriate losses in application.

Drying Time @ 25°C

Touch Dry:	5 minutes.
Hard Dry:	15 minutes.

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PRODUCT DATA SHEET

Waterbased Road Marking 401 High Reflectivity, White

Product Description

A high quality water borne non hazardous road marking paint that dries within 5 minutes, as tested to Australian Standard Test Method AS 1580.401.8. This pure acrylic paint is very fast curing, with excellent wear characteristics and glass bead retention.

Supalux Waterbased Road Marking 401 High Build traffic paint is a super fast drying, durable and reflective waterborne traffic paint. Unlike standard traffic paints, 401 HR utilizes a highly specialised acrylic cross-linking emulsion that allows for applications of up to 800 microns wet film build. When cured, 401 HR remains flexible providing superior durability with varying temperature conditions. 401 HR has inbuilt adhesion promotion qualities for retention of retroreflective glass beads. Thicker application enables the use of larger glass beads which can improve retro reflectivity. 401 HR can be applied through virtually all airless spray units. (refer to manufacturer's recommendations).

Specifications Met: Australian Standard AS 4049.3:2005
Australian Paint Approval Scheme APAS 0041/5
Product Code SR401/01

Product Uses

A flat, durable, high build traffic marking paint suitable for use on bitumen, concrete, chipseal and over previous coatings, designed to provide longer term retro reflectivity with a wide range of glass spheres.

Surface Preparation

Surfaces must be clean, free of surface contaminants and dry. Blow down to ensure removal of loose particles and dust. Use a broom to sweep away leaves and other contaminants.

Application

Apply by spray direct from the can, and using pedestrian line marking machines, or mobile, truck mounted airless spray units.

Notes and Limitations

This product is very fast drying, and every precaution must be taken to ensure that the paint tanks and cans are kept tightly closed to minimize skinning.

Safety Precautions

Refer to the relevant Material Safety Data Sheet for "WATERBASED ROADMARKING 401 HR WHITE".

Technical Information

Colour

White.

Finish

Flat.

Flash Point

Not applicable.

Recommended Application Data

Application method: Airless, Conventional Spray

Thinner/Cleaner: Water.

W.F.T per coat: 300 – 800 microns.

D.F.T per coat: 186 – 496 microns.

Practical Coverage @ 400 microns DFT (allow appropriate loss factor):
1.55 square metres/litre.

Drying Time @ 25°C

Touch Dry: <5 minutes.

Hard Dry: < 15 minutes.

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PRODUCT DATA SHEET

Waterbased Road Marking RF6040 – White

Product Description

A high quality, single component water borne solvent free, non toxic road marking paint that dries within 5 minutes, as tested to Australian Standard Test Method AS 1580.401.8. This pure acrylic paint is very hard wearing, with excellent anti-skin properties.

The product complies with the requirements of APAS 0041/5 as well as the Australian Standard 4049.3:2005.

Product Uses

A flat, durable, traffic marking paint suitable for use on bitumen, concrete, chipseal and over previous coatings.

Surface Preparation

Surfaces must be clean, free of surface contaminants and dry. Blow down to ensure removal of loose particles and dust. Use a broom to sweep away leaves and other contaminants.

Application

Apply by spray direct from the can, and using pedestrian line marking machines, or mobile, truck mounted airless spray units.

Notes and Limitations

This product is very fast drying, and every precaution must be taken to ensure that the paint tanks and cans are kept tightly closed to minimize skinning.

Safety Precautions

Refer to the relevant Material Safety Data Sheet (MSDS) Ref SR103MS.

Technical Information

Colour

White, Yellow and Black only.

Finish

Flat.

Volume Solids

62 plus/minus 1%.

Flash Point

Not applicable.

Recommended Application Data

Application method:	Airless, Conventional Spray
Thinner/Cleaner:	Water.
W.F.T per coat:	375 – 400 microns.
D.F.T per coat:	235 – 250 microns.

Practical Coverage @ 200 microns DFT (allow appropriate loss factor):
3.1 square metres/litre.

Drying Time @ 25°C

Touch Dry:	5 minutes.
Hard Dry:	15 minutes.

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PRODUCT DATA SHEET

Thermoplastic Road Marking Material – Thermomark – Profile Grade – White

Product Description

High quality white, granulated, hot melt, material. It is applied to the road surface in molten form. This product provides a long lasting, highly visible road marking. This product is a safety product, which produces an audible warning to motorists when trafficked upon.

Specifications met: - Australian Standard AS/NZS 4049.2:2005 and RTA 3357, APAS 0041/4

Product use

This product is intended for use as a long life, audible, tactile shape, between 5 to 9 mm profile height.

Application

Apply directly to a bitumen road surface. Equipment should be designed specifically for this purpose.

Refer the manufacturers for further information on suitable equipment.

Concrete surfaces must be pre treated with a Tack coat.

All surfaces must be clean and dry before application

Application method

Apply by truck mounted or self propelled pressurised vessel or auger fed extruder

Application conditions

Apply at when product is between 180°C and 200°C. Do not heat above 230°C. Do not apply when the product temperature is below 175°C.

Technical Information

Colour	White
Luminance factor	80 minimum
Softening Point	85°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	2% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	20% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Packaging

Supplied in 25Kg convenient, meltable bags (no need to remove from bag).

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

Disclaimer

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PRODUCT DATA SHEET

High Performance, Thermoplastic Road Marking Material – Thermomark – Profile Grade – White

Product Description

A new generation, high quality white, granulated, hot melt material. It is applied to the road surface in molten form. This product provides a long lasting, highly visible road marking. This product is a safety product, which produces an audible warning to motorists when trafficked upon.

This product is capable of up to 10mm profile height and therefore is excellent for wet weather delineation of traffic markings

This High Performance Thermoplastic product is manufactured with the highest quality ingredients including titanium dioxide and larger, wet weather, retro reflective, glass beads. It therefore provides the ultimate in long term performance.

Specifications met: - Australian Standard AS/NZS 4049.2:2005 and

RTA 3357

Product use

This product is intended for use as a long life, audible, tactile shape, between 7 to 10 mm profile height.

Application

Apply directly to a bitumen road surface. Equipment should be designed specifically for this purpose.

Refer the manufacturers for further information on suitable equipment.

Concrete surfaces must be pre treated with a tack coat.

All surfaces must be clean and dry before application.

Application method

Apply by truck mounted, self propelled pressurised vessel or auger fed extruder.

Application conditions

Apply at when product is between 180°C and 200 °C.

Do not heat above
230 °C.

Do not apply when the product temperature is below 175 °C.

Technical Information

Colour	White
Luminance factor	80 minimum
Softening Point	85°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	2% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	30% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Packaging

Supplied in 25Kg convenient, meltable bags (no need to remove from bag).

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

Disclaimer

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PRODUCT DATA SHEET

Thermoplastic Road Marking Material – Thermomark – Extrusion Grade – White

Product Description

A high quality, white, granulated, hot melt, material. It is applied to the road surface in molten form. This product provides a long lasting, highly visible road marking.

Specifications met :- Australian Standard AS/NZS 4049.2:2005 and RTA 3357, APAS 0041/4

Product use

This product is intended for use as a long life pavement marking. Applied at between 1.5 – 2.5mm as specified. Theoretical Coverage at 1mm ,0.5sqm/kg.

Application

Ensure surface is clean, dry and dust free. Apply directly to a bitumen road surface.

Application method

Apply by truck mounted or self propelled pressurised vessel or auger fed extruder. **TACK COAT** is recommended when applying on concrete surfaces. Please refer to manufacturers in this regard.

Application conditions

Apply at when product is between 180°C and 200 °C. Do not heat above 230 °C. Do not apply when the product temperature is below 175 °C.

Technical Information

Colour	White
Luminance factor	75 minimum
Softening Point	90°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	10% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	20% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Packaging

Supplied in 25Kg convenient, meltable bags (no need to remove from bag).

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

Extrusion Grade Thermoplastic – white should not be applied to concrete without the use of a tack coat. Refer to manufacturer for further details.

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PRODUCT DATA SHEET

High Performance, Thermoplastic Road Marking Material – Thermomark – Extrusion Grade – White

Product Description

This is a new generation, high performance, extrusion grade of Thermoplastic. It is the ultimate in high quality, white, granulated, hot melt, material. It is applied to the road surface in molten form. This product provides a long lasting, highly visible road marking.

This high performance thermoplastic product is manufactured with the highest quality ingredients including titanium dioxide and larger, wet weather, retro reflective, glass beads. It therefore provides the ultimate in long term performance and high retro reflectivity.

Specifications met :- Australian Standard AS/NZS 4049.2:2005 and RTA 3357, APAS 0041/4

Product use

This product is intended for use as a long life, high retro reflectivity, pavement marking. Applied at between 1.5 – 2.5mm as specified. Theoretical Coverage at 1mm is 0.5m² /kg.

Application

Ensure surface is clean, dry and dust free. Apply directly to a bitumen road surface.

Application method

Apply by truck mounted or self propelled pressurised vessel or auger fed extruder. Tack coat is recommended when applying on concrete surfaces. Please refer to manufacturers in this regard.

Application conditions

Apply at when product is between 180°C and 200 °C.

Do not heat above 230 °C.

Do not apply when the product temperature is below 175 °C.

Technical Information

Colour	White
Luminance factor	75 minimum
Softening Point	90°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	10% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	30% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Packaging

Supplied in 25Kg convenient, meltable bags (no need to remove from bag).

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

Extrusion Grade Thermoplastic – white should not be applied to concrete without the use of a tack coat. Refer to manufacturer for further details.

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PRODUCT DATA SHEET

Thermoplastic Road Marking Material – Thermomark – Preformed Grade – White

Product Description

Thermomark “Preformed” is supplied in easy to use sheet form. It is a durable thermoplastic pavement marking used for symbols, transverse markings and legends, horizontal signs, and advanced warning and traffic calming. Supalux has engineered this product to perform in various road and weather conditions. It is an ideal road safety solution for school zones, crosswalks, intersections and any location where long term performance, high retro reflectivity and visibility is critical.

Specifications met :- Australian Standard AS/NZS 4049.2:2005 and RTA 3357.

Product use

This product is intended for use as a long life pavement marking supplied ready for use at between 1.5 – 2.5mm thickness pre formed shapes as specified.

Application method

Surface must be clean and dry.

Lay out on a bitumen road surface and apply gentle flame / gas burner to melt the supplied preformed sheet onto the road surface. Precautions must be taken not to burn and discolour the material. Retro reflective glass spheres are usually broadcast immediately onto the softened surface for initial, additional, retro reflectivity. A **TACK COAT** is recommended when applying on concrete surfaces. Please refer to manufacturers in this regard.

Technical Information

Colour	White
Luminance factor	75 minimum
Softening Point	80°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	10% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	20% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

Preformed - White should not be applied to concrete without the use of a tack coat. Refer to manufacturer for further details.

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PRODUCT DATA SHEET

Thermoplastic Road Marking Material – Spray Application

Product Description

A white, granulated, high quality formulation, that when melted, can be spray applied to a road surface to produce a long life, highly visible, reflective road paint.

This product complies with Australian Standard AS/NZS 4049.2:2005 and RTA 3357

Product use

This product is intended for use as a long life pavement marking and may be applied at film builds between 750 micrometers to 2.5mm Dry build.

Coverage

Theoretical coverage 0.66m² per Kg.

Application

Ensure the surface is clean and dry and dust free. Apply directly to a bitumen road surface. .

Application method

Apply by truck mounted or self propelled pressurised spray unit.
TACK COAT is recommended in all applications on concrete. Please refer to manufacturers in this regard.

Application conditions

Apply at when product is between 180°C and 200 °C. Do not heat above 230 °C. Do not apply when the product temperature is below 175 °C.

Technical Information

Colour	White
Luminance factor	75 minimum
Softening Point	90°C minimum
Loss (L/F)	5% maximum
Skid Resistance (BPN)	55 minimum
Flow Resistance	10% maximum
Gradation of mineral content	20% (W/W) minimum
Glass bead content	20% minimum
Abrasion resistance	0.6g/100 revolutions maximum
Flash Point	230 °C minimum
Density	1.9-2.2 Kg/L

Packaging

Supplied in 25Kg convenient, meltable bags (no need to remove from bag).

Safety Precautions

Refer to the relevant Supalux Material Safety Data Sheet.

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PRODUCT DATA SHEET

Plasticote Cold Applied Plastic Long life road paint

Product Description

Plasticote is based on proven methyl methacrylate (MMA) technology. MMA is the most durable pavement marking material available anywhere today. Plasticote may be applied as a structured finish, traffic marking system designed for application via a splatter pattern technique. (Specialised equipment is required for this application.) Refer Supalux for details and availability.

When the structured finish is applied over a new or bare pavement surface, it creates a solid line effect when viewed by the driver. Additionally, the structured design produces enhanced wet night retro-reflectivity by allowing water to flow off its peaks and valleys. It is applied at approx 1.5-2mm structure height.

Features and Recommended uses

Plasticote is very resistant to mechanical damage. It is abrasion resistant and therefore very hard wearing. It retains retro reflective glass spheres with a chemical bond of exceptional strength.

Plasticote can be screed applied, profiled, extruded, and sprayed at various film thicknesses ranging from 0.5mm to 2mm. It may be applied onto asphalt or concrete roads for both long line as well as transverse markings.

General Data

Specific Gravity:	1.7
Supplied in:	18Kg pail & 180Kg drums 90% Volume Solids
Colour :	White, Charcoal , Yellow
Curing Time :	10-15 mintues @ 25 degC Trafficable in 20 minutes

Application

Spray, roller, trowel or specialised equipment for specialised finishes.

Coverage Rate

Practical coverage @2mm is 0.45m²/L
0.26m²/Kg or 4.48m² per 18Kg pail

Thinner

Not recommended

Clean Up

Special Thinners for Plasticote

Disclaimer

The manufacturer warrants that its products have been manufactured under strict control and conforms to its highest standards. The performance of the product will vary according to the nature of the surface to which it is applied and the preparation and mode of application of the product. As the manufacturer cannot supervise the above procedures no warranty as to the fitness of the product for a particular purpose can be given provided that nothing herein shall be deemed to exclude, restrict or modify any condition or warranty expressed or implied by any statute whether State or Federal. With the constant advancement in technology we suggest that the information used in making recommendations from the literature be reviewed every six months.



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PRODUCT DATA SHEET

Water based High Durability Line Removal Mastic RM601

Product Description

A new development in line removal. Line Removal Mastic RM 601 water borne road line mastic meets all the requirements of flexibility, obliteration and durability. A long lasting solution to line removal and reinstatement. This acrylic mastic is very hard wearing and has a rubberized finish with excellent resilient qualities. It can be matched to the existing road surface and has aesthetic appeal. Road trials have proven the superior wear characteristics of this new generation product.

RM 601 utilizes a specialised acrylic emulsion that allows for fast curing applications of up to 800 microns wet film build. When cured, RM601 remains flexible and can be applied through virtually all-airless spray truck mounted units.

Product Uses

Long life obliteration of traffic markings. Reinstatement of new lines and relocation of pavement markings.

Surface Preparation

Surfaces must be clean, free of surface contaminants and dry. Blow down to ensure removal of loose particles and dust. Use a broom to sweep away leaves and other contaminants.

Application

Recommended for application by airless spray, computer monitored, truck mounted equipment.

For additional Non-Skid qualities on smooth seals, we recommend the broadcasting of iron titanium oxide aggregate (illmenite) @ 500gm/m².

Minimum pump ratio: 20:1
Tip size: 441 flat tip
Drying Time @ 25°C
Touch Dry: 5 minutes.
Hard Dry: 15 minutes.

Volume solids: 65+-3%

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