

FLOETROL



Water-based Paint Conditioner



- **Coverage:** N/A
- **Drying Time:** Paint Manufacturers Guidelines
- **Sizes:** 1ltr, 2.5ltr
- **Application:** Brush, Roller, Spray

Tip

When using a cup gun, if paint appears to thicken add up to one tablespoon of water to thin the paint
Do not add to clear acrylic varnishes



Water-based paints just flow
No Spatter, No Mess

Added Flow for Perfect Finishes

Floetrol is an additive specially formulated for use with all water-based paints, to help improve the finish, performance and ease application for the professional painter and decorator.

Unlike water, Floetrol does not weaken the paint but instead maintains its inherent qualities, characteristics and body. Extends the wet edge time to eliminate brush and roller marks, while improving its application properties, even in the most difficult painting conditions. Floetrol makes any water-based paint, work and feel like an oil-based paint.

Ideal for spraying Floetrol allows up to a 20% reduction in pressure without affecting the spray pattern. When spraying, Floetrol lubricates the paint, thus reducing wear and tear on the spray equipment as well as cutting down time from tip clogging in Airless and Cup guns, as well as piston freeze up in Cup guns.

For special effects, Floetrol gives you the time to create the look you want, by increasing the open time.

Floetrol may be used in any water-based paint whether it is emulsion, acrylic gloss or eggshell and woodstains

Eases Application

Reduces Brush & Roller Marks

A Must for Spray Painting

Improves Covering Power

Ideal for Special Effects


Saves Time & Money


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<p>Printed February 08</p>	<h1>FLOETROL</h1> <h2>Waterborne Paint Conditioner</h2> <h3>Technical Data Sheet</h3>	
<p>Description Floetrol is a balanced acrylic vehicle that makes interior or exterior emulsion and acrylic paints including acrylic woodstains work like oil-based paints. Added to any emulsion or acrylic paint and it will give increased wet edge time, improved flow ability, minimising and often eliminating brush marks, gives a spray like finish when rolling and unlike damaging thinners will maintain the inherent quality of the paint without affecting its appearance or drying times. Ideal when spraying, Floetrol allows up to a 20% reduction in pressure without affecting the spray pattern and by lubricating the paint reduces wear and tear on tips; prevents tip clogging in airless and cup guns, as well as piston freeze up in cup guns</p> <p>Where to use Floetrol Floetrol may be used in any water-based paint (not clear acrylic varnishes) for interior or exterior work where conditions are affecting the application of the paint. Ideal for special effects, Floetrol gives the time required, to create the look wanted</p> <p>TECHNICAL DATA</p> <p>Finish: N/A Freeze Thaw: Do not allow to freeze Shelf Life: 5 years VOC: N/A Flash Point: N/A Temperature Application: Exterior 10°C – 35°C, Interior 5°C and above</p> <p>Coverage Coverage will vary depending on texture and porosity of the surface When added to paint, approximately 15% less material will be used than if the paint had been applied without Floetrol</p> <p>Drying Time As per paint manufacturers instructions</p> <p>Application Method Brush, roller, airless or conventional (cup-gun) sprayer (tip size and pressure as per paint manufacturers guidelines) Apply in dry weather conditions when using in paints on exterior work Do not apply if cold wet weather is expected within 24 hours when using in paints on exterior work</p> <p>Limitations Do not use in Clear Acrylic Varnishes Floetrol is compatible in all paint, stains, and primers where clean up is specified as water</p> <p>Sizes 1ltr and 2.5ltr</p> <p>Clean Up Clean all tools and equipment with warm soapy water. Store and maintain equipment as directed by manufacturer Keep container closed when not in use. Do not allow to freeze</p>		

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<p>Directions for use:</p> <p>SURFACE PREPARATION Prepare surface as per instructions on the paint can Remove all loose and flaking material Treat any organic growth with fungicidal solution or a mix of 1 part water to 1 part bleach, rinse thoroughly and allow to dry</p> <p>APPLICATION Stir paint thoroughly Apply paint in normal manner If paint drags, sets up too fast or does not level properly add Floetrol until the paint works smoothly, easily and provides a sufficient "wet edge". Allow the brush, roller or spray to be your guide</p> <p>Mixing Instructions Brush and roller application Add between 7% – 15% by volume of Floetrol/Ltr of paint</p> <p>Airless spraying Add 10% by volume of Floetrol/Ltr of paint</p> <p>Conventional (cup-gun) spraying Add a minimum 5% – maximum 10% by volume of Floetrol/Ltr of paint to achieve the desired consistency and flow. If the paint seems to thicken add 1 tablespoon of water/Ltr to the paint to restore original consistency</p> <p>Special effects Add up to 50% by volume of Floetrol/Ltr of paint</p> <p>The above is meant as a guide only. Conditions of application, texture of surface etc. will dictate the amount of Floetrol to be mixed into the paint</p> <p>Good Application Practice Cover everything you do not wish to paint</p> <p>Health and Safety Material Safety Data Sheets for this and all other Owatrol/Flood products are freely available from the place of purchase or the address below. Store in secure dry conditions inaccessible to children and animals. Containers should be kept closed during storage. Do not empty into drains, watercourses or access routes to septic tanks.</p> <p>Availability Floetrol is available through quality paint stores</p> <p>For further information please contact the address below</p>		

<p>Printed February 08</p>	<h1>FLOETROL</h1> <h2>Waterborne Paint Conditioner</h2> <h3>Frequently Asked Questions</h3>	
<p>What is Floetrol? Floetrol is a balanced acrylic vehicle that makes emulsion & acrylic paints work like oil paint.</p> <p>What does Floetrol do? Floetrol minimises and often eliminates brush marks, reduces orange peel effect when using a roller and helps keep a wet edge to reduce lap marks.</p> <p>When do you use Floetrol? Whenever paint sets too fast, drags or does not level properly.</p> <p>How much Floetrol should be added? This depends on the application properties of the paint and surface. When applying by brush or roller, adding between 7-15% should be enough to produce a spray like finish.</p> <p>Does Floetrol affect the “wet edge” of emulsion & acrylic paints? Yes. By keeping a wet edge longer, it improves levelling and allows larger areas to be painted without lap marks. It does not affect the paints touch dry or re-coating times.</p> <p>Does Floetrol save money? Yes, by avoiding waste. When paint pulls or drags and does not flow out or level properly, time and money are wasted. Floetrol eliminates these problems.</p> <p>Does Floetrol change the colour or scrub-resistance of paint? No. In fact, a more uniform paint film will wear better and last longer. Floetrol does not thin – but maintains the inherent qualities of the paint.</p> <p>Does Floetrol help when rolling emulsion & acrylic paints? Yes. Floetrol enables the paint to flow freely from the roller to the surface. This means less pressure on the roller and less splattering. Also, each roller full covers more area – that’s less stooping and dipping – a much easier and faster painting job for you.</p> <p>Does Floetrol help in spraying emulsion & acrylic paints? Yes.</p> <p>When airless spraying the addition of 10% (500ml per 5ltrs) of Floetrol to the paint will provide the following advantages.</p> <ol style="list-style-type: none">1. Pressure reduction by approx. 20% to give better material control.2. Larger and fuller patterns for improved hiding and coverage.3. Practically eliminates wear and tear on tips, packings, seals and other spray equipment parts.4. Prevents tip clogging. <p>When cup gun spraying the addition of 5 - 10% (50 - 100mls) of Floetrol per litre of paint is usually enough to ensure smooth spraying and provide the following advantages.</p> <ol style="list-style-type: none">1. Reduces tip clogging and piston freeze-up.2. Improves spray control and coverage.3. Extends life of gun and equipment parts. <p>Note: Paint consistency and the type of cup gun can vary and it may be necessary to add more Floetrol before the gun operates effectively.</p>		

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<p>Can Floetrol be added to acrylic/water based paints? Yes. Floetrol can be added to any acrylic/water-based product such as gloss, eggshell and woodstains where water is specified for clean. The exception to this is clear acrylic varnishes, adding Floetrol to these will cause them to bloom</p> <p>Does Floetrol help when applying dark colours such as deep blues and reds? Yes: because Floetrol extends the 'wet-edge' time of the paint, it gives you the time to roll or brush to the paints edge before it has dried, thereby allowing you to attain an even finish and eliminate the lap marks and shading often present with these type of colours until 3-4 coats have been applied. With Floetrol you should find that the standard 2 coats is sufficient to achieve a quality finish; thus reducing labour and material costs</p>		

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: FLOETROL.

Product code: FLOE001.

Company/undertaking identification:

Registered company name: Produits DURIEU S.A..

Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.

Telephone: + 33 (0)1.60.86.48.70. Fax:+ 33 (0)1.60.86.84.84. Telex:.

Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: O.R.F.I.L.A.

Use of the substance/preparation:

Waterborne Paint Conditioner.

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

No known substance in this category present.

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

No known substance in this category present.

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of splashes or contact with eyes:

Wash thoroughly with soft clean water for 15mn holding the eyelids open.

Refer to an ophthalmologist in particular if there is any redness, pain or visual impair.

In the event of splashes or contact with skin:

Wash thoroughly with soft clean water.

In the event of swallowing:

If swallowed accidentally, refer to a doctor and show him the label.

5 - FIRE-FIGHTING MEASURES

Not relevant.

Special protective equipment for fire-fighters:

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Minimum risk of combustion. Product will form flammable mixtures or burn only if heated above its flash point.

The combustion of the plastic container may cause some discomfort.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Keep containers tightly closed.

Avoid getting on skin or in eyes when handling product.

Fire prevention:

Prevent access by unauthorised personnel.

Storage:

Opened container must be thoroughly closed and kept in vertical position.

Do not keep in metallic container because of corrosion.

Keep away from freezing and from high temperatures.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Personnel shall wear regularly laundered overalls.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: slightly basic.

When a pH measure is possible, it has a value of: 8.50 .

Boiling point/boiling range: not specified.

Flash point interval: not relevant.

vapour pressure: not specified.

Density: > 1

water solubility: Dilutable.

Other information:

melting point/melting range: not specified.

Self-ignition temperature: not relevant.

Decomposition point/decomposition range : not specified.

% VOC: <6 g/l

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet,

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

In the event of exposure by inhalation:

Negligible risks when used under normal conditions at room temperature. Avoid inhaling vapour, steam or smoke.

In the event of swallowing:

Refer to §4 "FIRST AID".

In the event of splashes or contact with skin:

Refer to §4 "FIRST AID".

In the event of splashes or contact with eyes:

Refer to §4 "FIRST AID".

Other data:

Formula sent to the I.N.R.S.

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12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2005 - IMDG 2004 - ICAO/IATA 2005).

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 2: