

 <h1>MIROTONE</h1> <p><i>Leading the way in coating systems since 1938</i></p>		Data Sheet	
		Date of Issue	20 Dec 2010
		Document Ref	5980
		Version No	7
		Date Printed	10 Sep 2014

SUREFLOW Additive 5980



Important Information

Mirotone only warrants the quality of the product in the can. It is your responsibility as the user, before application, to ensure that the coating system meets your requirement and is fit for the intended purpose.

Product Description

SUREFLOW Additive 5980 is a ready to use, specially designed, flow additive. When added to Polycure moisture cured range of coatings, in the recommended ratio, this additive will minimise the rejection problems normally caused by wax, oils and other common household contaminants. SUREFLOW Additive 5980 is suitable for use in Polycure single pack moisture curing (DURAPOL®), two pack polyurethanes (POLYTHANE®) and non yellowing (CRYSTAPOL®) finishes.

Directions For Use

1. Add between 0.5 - 1 % SUREFLOW Additive 5980 (Maximum ratio of 10mls per litre or 200mls per 20 litre drum). One red capful equals 20mls, so add one capful for every 2 litres used.
2. Stir thoroughly.

Read MSDS before use. Wear rubber gloves & a protective respirator. Keep away from naked flames, sparks or red hot surfaces.

Warning:

Only add into gloss coatings as adding into lower gloss coatings may result in a silicone contamination look in the dry film.

Overdosing may result in the dry film having an uneven appearance.

Overdosing or insufficient mixing of SUREFLOW Additive 5980 can produce adverse mixing problems, poor inter-coat adhesion and or surface flow problems.

If SUREFLOW Additive 5980 is used in one coat on a floor, it must be used in all coats on that floor.

Do not pour polyurethane mixed with this additive back into the original polyurethane.

This additive is designed to help flooring contractors to minimise rejection on a contaminated floor. It will not guarantee success and floors that are suspected of being severely contaminated must be washed thoroughly with Polycure Thinners 1210 prior to application of the coating.

Shelf Life

See product label for Use-By date. All products must be stored in sealed containers below 25°C. Do not use product if past Use-By date.

Packaging

Product	Can Size	Net Contents
SUREFLOW Additive 5980	1 Litre	1 Litre

Warnings



Follow Directions: Carefully read the contents of this Data Sheet and the associated Material Safety Data Sheet (MSDS). Please do not apply this product unless:

You have a MSDS in your possession,
You fully understand these important documents and;
You are prepared to follow all directions.



Not Recommended: This product is not recommended for the following applications:

Exterior exposure

Wet areas

Non timber related substrates

Spray equipment (May be sprayed if the correct safety equipment is worn - check MSDS for details).



Damage caused by sharp objects: Coatings can be damaged by sharp objects, due care should be taken in high traffic environments.



High Humidity and Moisture In-Service Environments: All wood will swell and discolour if allowed to come into contact with water vapour. The protection provided by a coating is dependent on the moisture transmission of the coating and on the thickness of the dry coating film applied. Coated sharp edges are usually the most vulnerable to damage either from the coating being removed or by inadequate film builds in high wear / traffic areas. Special care during sanding and coating should always be given to sharp edges as coatings do not

build as well onto them, resulting in reduced protection in high moisture environments.

Damp Wood: Do not apply coatings over damp timber (moisture content greater than 15%) or allow the wet coating to be exposed to water or dew during the first hour of drying or blooming (whitening) may occur.

High Humidity at Time of Application: Application of coatings at high humidity will:

Speed up the drying process and reduce the pot life of polyurethane coatings.

Increase the risk of blooming (whitening).

Blooming may occur if the coating is applied over damp wood or exposed to water or dew during the first hour of drying.

Cold Temperature: Application of water based coatings at low temperatures may result in poor film formation with resulting poor in-service performance of the coating system. Application below 10°C is not recommended.

Curing: Complete curing of the coating will take up to 10 days, dependant on the weather, during this time floors should not be walked on with street shoes. Care should be taken to avoid dragging furniture over the surface; use protective pads on furniture legs. To extend the life of the floor, mats should be used in doorways to remove dirt and grit from feet. Timber, cork and parquet are relatively soft materials and permanent impressions may be left in the surface by stiletto heels or sharp furniture, even when coated with a polyurethane finish.

Temperature Extremes: Application of any polyurethane coating at low temperatures (below 10°C) and high temperatures (above 35°C) will reduce the general in-service performance of the coating due to inferior cross linking of the coating. Application below 10°C or above 35°C is not recommended.

Inter-coat Adhesion: To ensure sound inter-coat adhesion, thoroughly sand between coats. To reduce the potential for adhesion failure in the field, Mirotone strongly recommends it's customers carry out regular and appropriate quality control testing of their production output.

Maintenance: Floors must be swept frequently and washed with AQUACARE 8420 Floor Clean (Caution: Floors will be slippery when wet). To avoid having to resand the floor back to bare timber or cork the surface must be re-coated before it has worn through.

Temperature & Sunlight: Clear coatings do not permanently protect wood from the ageing/discolouration effects of temperature and sunlight. Even when UV absorbers are present in a coating they will sacrificially break down over time and eventually no longer help to protect the substrate.

Timber Failure: Over thinning of this product on the first coat may contribute to "edge bonding or glueing". Users must satisfy themselves that the timber is properly acclimatised and has reached an equilibrium moisture content suitable for the planned inservice environment before coating the floor.

Health & Safety

Refer to Material Safety Data Sheet (MSDS).

Ensure that all Personnel using this product have read and understood this data sheet and the associated MSDS and packaging label before using this product.

Engineering Controls: Avoid inhalation of vapour or sanding dust by maintaining adequate ventilation. Avoid pockets of vapour. This is normally achieved by applying the coating system in a well ventilated area. If inhalation risk exists the operator must wear a respirator. Refer to MSDS for recommended respirator.

Personal Protection: Contact with any chemical should be avoided. Avoid contact with skin and eyes, and avoid breathing the vapour. Wear suitable protective clothing including rubber or PVC gloves and safety goggles. When using, do not eat nor smoke. Take off immediately all contaminated clothing.

Mirotone Accreditations

Quality System: Mirotone is certified to AS/NZS ISO 9001:2008 Quality management systems.

Mixed System Policy

A Mixed System is:

Where any coating or additive manufactured by another coating manufacturer is applied under, between, in, or on top of, coatings manufactured by Mirotone. [Additives may include thinners, retarding solvents, hardeners, flow additives, stains or catalysts]; or Where products manufactured or supplied by Mirotone are used in a manner not approved or recommended by Mirotone on its labels or Data Sheets.

Policy: Mirotone will not recognise any warranty claim from customers or third parties if any Mirotone product has been used in a Mixed System with other manufacturers' products or additives. Mirotone can only warrant the quality of its own range of coatings when used in strict accordance with the recommended coating systems thinners and additives stated on Mirotone's labels and Data Sheets.

Limitation of Liability

This Data Sheet is based on information in Mirotone's possession at the "Date of Issue" above. Later experience may lead to amendments. Users should check with Mirotone to ensure that this Data Sheet is still current.

The information contained in this Data Sheet is based on data appraised in our Laboratories and on our own research, and that of others whose work we believe is reliable. Due to possible differences between controlled laboratory test conditions and methods, and actual application conditions and methods, coupled with possible differences in interpretation of results, the user of this product must satisfy himself that the end result obtainable under his particular application conditions meets his requirements. Special attention is directed to the problem of chemical compatibility, as Mirotone can control only the quality and formulation of its own materials. Mirotone has no control over quality, formulation or consistency of other manufacturers' products or the substrate to which its product is applied. Therefore Mirotone supplies its products only on condition that the consumer himself is satisfied as to the performance of the product in meeting his particular requirements.

Mirotone Contact Details

Australia (Mirotone Head Office)

Malaysia

Mirotone Pty Ltd

Mirotone (Malaysia) Sdn. Bhd.

21 Marigold Street Revesby, NSW, 2212 Australia PH: +61 2 9795 3700 Fax: +61 2 9771 3601	No. 9 Jalan Sejahtera 25/124 Section 25 Axis Premier Industrial Park 40400 Shah Alam, Selangor Malaysia PH: +60 3 5124 6136 Fax: +60 3 5124 6137
China	New Zealand
Persee China No. 55, Kai Gui Road, Hi Tech Industrial Park Yushan Town, Kunshan City JiangSu Province China PH: +86 512 57797745 ext 136 Fax: +86 139 62652189	Mirotone (NZ) Ltd 32 Cryers Road Auckland 1730 New Zealand PH: +64 9 272 2730 Fax: +64 9 272 2733
Chile	Philippines
South Trading & Services S.A. Avda. Ricardo Lyon 3505 Nunoa, Santiago Chile PH: +56 2 205 5412 Fax: +56 2 223 4369	Cebu Furnitech Marketing Inc Francisco Yang Building Warehouse #1 Mabini Street Looc Mandaue City 6014 Cebu Philippines PH: +63 3 2420 2968 Fax: +63 3 2346 0616
India	Thailand
Forhands International 3 Kothari Complex Basni Road, Opp Diesel Shed Jodhpur-342005 (Rajasthan) India PH: +91 291 325 0563 Fax: +91 291 263 7148 Email: forhandsinternational@gmail.com	Mirotone (Thailand) Co., Ltd. 83 Moo 4 Poochaosamingprai Rd Samrong Klang, Prapradaeng Samutprakarn 10130 Thailand PH: +66 2 754 4451 Fax: +66 2 754 4450
www.mirotone.com	