

Step With Confidence

Step With Sure Grip Protected Floors

Floor Safety Information Pack



The solution to...
Slippery when wet!

Making the World a Safer Place
.....One Step at a time

www.suregrip.com.au

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FLOOR SAFETY INFORMATION PACK

Floor Safety

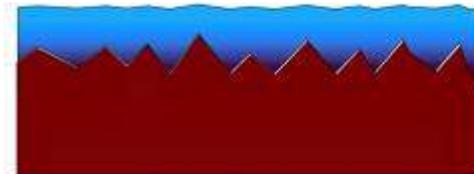
Although most flooring is designed to be safe when dry, it is not manufactured in a manner that keeps it slip-resistant when wet. Currently, there is not a governing authority that makes tile manufacturers responsible for their products while wet. However, OHS has been cracking down on companies that know they have a problem and choose not to correct it.

Floor surfaces become contaminated with dirt, oil, grease and food particles that combine with the soapy residue left behind by most daily cleaners. The contaminates and soap residue begin filling in natural channels on the floor surface that aid in dispersing liquids such as spills and weather-related moisture, leaving the liquid nowhere to go. This extremely dangerous combination creates a hydroplaning effect that can become lethal. Millions of people are injured each year in public places due to slips and falls. This type of injury is costing businesses and insurance companies billions of dollars.



NEW FLOOR

Most new floors have microscopic channels and pores that allow liquids to naturally disperse.



ALKALINE RESIDUE

Alkaline residue from daily cleaners adheres to the channels and attracts soil and other contaminates such as grease.



GREASE & OTHER CONTAMINATES

Grease and other contaminates bond with the alkaline residue.



POLYMERIZATION

The bonded alkaline and contaminant molecules become a very hard substance that clogs the microscopic channels. This phenomenon is known as polymerization

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The Physics of Slips & Trips

What Causes a Slip or Trip?

Physiological

- **Balance** – ability to stand up right
- **Momentum** – force of movement
- **Friction** – traction between two contact surfaces

Physical Environment

- **Gravity** – earth's attraction
- **Walking, Working Surface**

Most hard mineral surfaces such as tile, brick, slate, granite, marble, terrazzo and even smooth cement, are usually not considered slip resistant when wet unless they are treated with special non-slip products.

Coefficient of Friction

Coefficient of friction (**COF**) is a value placed on walking, working surfaces ranging from 0.1 to 1. These values are then used in determining the amount of friction on a walking surface.

There are two ways of determining the COF

- **Dynamic** or moving testing
- **Static** or stationary testing

Devices that test dynamic coefficient of friction will be in motion at the time they register a reading. Devices that test static coefficient of friction are stationary and register a reading at the time they begin to move.

According to the OH&S (Occupational Health and Safety) a walking surface needs to have a COF of >0.5 or higher to be considered safe.

Why is Sure Grip different from other products?

Unlike other floor products, Sure Grip is a treatment, **not** a coating. Coatings will deteriorate under foot traffic and will peel off after becoming wet. The chemical treatment enhances the natural microscopic channels on your flooring, adding a significant amount of traction, especially when wet.

What is Sure Grip Non-Slip

- A long lasting chemical treatment which creates an invisible, sophisticated tread design into the surface of hard mineral floors and Porcelain/enamel bathtubs.
- From 125 to 300 percent increase in coefficient of friction when subjected to water.
- Will not change the appearance of floor or bathtub.
- No shut -down time required. Use floor or tub immediately following treatment.
- Indoors-Outdoors, all kinds of weather.
- Will not chip, peel or discolour.
- Not a Film or a Coating.
- Inexpensive and highly effective.



Sure Grip floor Safety Treatment features a revolutionary new process that molecularly alters the tile, concrete or mineral floor surface, increasing the co-efficient of friction (C.O.F). The most important feature of this treatment is the dramatic increase of traction when the floor is subject to **water** or **liquid** spills. Our Treatment has successfully reduced slip and fall accidents in many public places of business around the country including hospitals, restaurants, universities, processing plants, swimming pools, commercial kitchens..... And various other facilities.

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What Are The Common Sure Grip Applications

- Food Processing Facilities
- Office Building Entrances
- Commercial Kitchens
- Shopping Malls
- Hotels
- Showers
- Bathtubs
- Swimming Pools

Developed and Proven for

- Concrete
- Spanish Tile
- Glazed Brick
- Terrazzo
- Quarry Tile
- Ceramic Tile
- Porcelain
- Enamel

And many other hard mineral surfaces



Please Note: Marble and Granite **CANNOT** be Treated

Application of Sure Grip will not disrupt trade as it can be done before or after hours. There's no bad smell and the floor can be walked upon immediately. Depending on how clean the surface to be treated is, treatment of Sure Grip could take up to 1 Hour for every 50 SQM.

**sure
Grip** *Making the world a safer place...One step at a time.*

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Maintenance

Sure Grip Cleaner Degreaser is the first line of defense in the battle against slippery floors. The alkaline free formula emulsifies and suspends soil, grease and other contaminants, removing them deep from the pores of floor surfaces, so they can be successfully rinsed away. When used as part of a regular floor maintenance program, it will leave the surface clean and residue free, reducing the occurrence of polymerization and greatly improving traction. It contains no Phosphates, Butyl or Bleaches and is safe to use and **biodegradable**.

Laboratory tests have proven that the active ingredients in Sure Grip Cleaner/Degreaser is effective in killing bacteria including the Following micro-organisms

- **E-Coli**
- **Listeria Monocytogenes**
- **Salmonella Poona**
- **Staphylococcus Aureus**
- **Pseudomonas Aeruginosa**

SURE GRIP Cleaner/Degreaser as your daily maintenance cleaner will produce swab tests significantly improved by lowering the total bacteria count in all facilities. You'll see a dramatic difference along with immediate excellent swab results.

SURE GRIP Cleaner/Degreaser greatly enhances floor safety for employees and food safety for consumers of your products and it is environmentally friendly. Your working conditions will be cleaner and safer than ever in food processing industries, restaurants, hotels, airports, hospitals, offices and other businesses. Our cleaner will save you money, as the only cleaning chemical necessary to maintain safe floors after installing our Sure Grip Treatment.

Recommended on: **(NOT SUITED FOR SURFACES WITH FLOOR FINISH OR WAX)**

All mineral flooring including

- * Slate
- * Quarry
- * Terrazzo
- * Ceramic
- * Brick
- * Concrete and others

Can also be used on

- * Vinyl
- * Walls
- * Commercial Equipment



DO NOT USE ON ANY SURFACE WITH FLOOR FINISH OR WAX

Contains no Phosphates, Butyl or Bleaches
Safe and Environmentally Friendly
Cost Effective
NSF/USDA Registered and Approved
Active Ingredient EPA Approved

Dilution Ratios:	
Mop Bucket	Concentration
Daily Maintenance	60ml to 4lt water (1:70)
Heavy Soil	120ml to 4lt water (1:35)
Auto Scrubber	30ml to 4lt water (1:140)

Data	
Product Name:	Sure Grip Cleaner Degreaser
Appearance:	Green liquid
Odor:	Fresh
Ph in use dilution:	6.0-6.4
DOT Hazardous ingredients:	None
Vapor pressure (mm/hg):	17mm @ 20 C
Boiling point, F:	212 F (ASTM D-1120)
Solubility in water:	Complete
Flash Point:	>101C (ASTM D-56) Tag closed cup

Free Training

Yes, Non-Slip floor solutions provide free safety and maintenance training to janitorial staff once the treatment is complete. **Non-slip floor solutions** is the only floor safety company in Australia that offers free training to staff from our Certified Floor Safety Technicians.

