



Product Description

SlabArmor™ PermaMelt is an industrial-strength ice melt formula with a very low freeze point -80°F (-62°C). Many ice melts work well down to freezing, but below that their effectiveness diminishes and ice can quickly re-form. SlabArmor™ PermaMelt penetrates ice on contact, making it separate from the substrate and allowing for easier removal. The extreme low freezing point also means a single application can last from 48-72 hours as the formulation resists dilution and refreezing. SlabArmor™ PermaMelt is easy to handle, requires no agitation and is safe for concrete and the environment.

Use as an anti-icer to prevent accumulation of snow and ice before the storm, or as a de-icer after the storm to facilitate ice and snow removal. Tracked in deicing salt residue and sand can destroy and stain interior flooring surfaces- SlabArmor™ PermaMelt won't stain or attack interior finishes or tile and carpet mastics and can help prevent winter maintenance problems with flooring surfaces. Some ice melt compounds have high pH levels and act like a floor stripper, by taking the finish off interior substrate surfaces. Tracked in residue causes excessive wear and abrasion, ultimately dulling and scratching through the surface of expensive tiles, factory finished stone and polished concrete surfaces.

Features & Benefits

- Rapidly cuts through hard packed ice, breaking the bond at the surface
- Resists re-freezing and early dilution, preventing further ice formation and snow accumulation
- Fast acting, long-lasting formula results in fewer applications
- Non-toxic and non-hazardous to plant and animal life
- Non-corrosive--will not damage metals, wood, gutters, equipment or vehicles
- Easy to apply--no special spray equipment needed
- No mess--will not track or leave residue like common de-icer
- Environmentally Responsible

Primary Applications

- Driveways
- Steps
- Loading docks
- Jobsites
- Sidewalks
- Pathways
- Ramps
- Parking lots
- Decks
- Airport ramps and aprons
- Streets
- Entrance ways

Technical Information

Odor/Color: Lemon/Yellow dye
 Appearance: Clear to slightly tan clear solution
 PH at 25°C: 5-7
 Density: 9.2 lb/gal (1.1 kg/L)
 Flash Point: Nonflammable
 Freezing Point: -80°F (-62.22°C)
 Viscosity @ 68°F (20°C): 10cp maximum
 Viscosity @ 32°F (0°C): 20cp maximum

Estimated Coverage

De-Icing or pre-storm treatment:
 500-700 ft²/gal (12-17 m²/L)

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. This product has a shelf life of 18 months in its original unopened container.

Packaging

Item No.	Size	Gallons	Liters	Bucket Color	Product Color	Scent
PM01	Jug	1	3.78	N/A	Yellow	Lemon
PM05	Pail	5	18.9	Beige	Yellow	Lemon
PM05P	Pallet	180 (36 x 5)	681.4	Beige	Yellow	Lemon
PM55	Drum	55	208	N/A	Yellow	Lemon
PM275	Tote	275	1041	N/A	Yellow	Lemon

Application

Before application, always do a small test sample in a less-visible area to be sure there are no variables or contaminants in the substrate that may be incompatible with this product.

Suggested application rates are below 30°F/-1.11°C. Conditions with ice or snow accumulation over 0.5 inch (12.7 mm) may require a heavier rate of application. Removal of snow and ice slush is required to keep the ice control from becoming diluted. Should snow or ice begin to accumulate reapply SlabArmor™ PermaMelt.

Clean Up

Use soap and water to clean tools and equipment. Although SlabArmor™ PermaMelt is non-toxic and environmentally safe, it is slightly acidic—use up or dry out extra material and dispose of according to local regulations. Don't pour into sewer systems or storm drains.

Freeze Thaw Cycles and Scaling of Concrete Surfaces

Important Tip: Consider pre-treating concrete surfaces prior to winter season with SlabArmor™ Closer concrete surface hardening densifier with anti-scale and freeze-thaw protection. Repeated freeze thaw cycles can weaken concrete, causing surface damage. Pretreatment with SlabArmor™ Closer will fortify the surface and help minimize erosion, cracking, pop-outs and scaling. Also, judicious use of deicers will minimize concrete damage. Prompt removal of slush from concrete surfaces will further minimize the chance for damage.

Safety / Health Information

SlabArmor™ PermaMelt is an environmentally and concrete safe formulation. The treatment is slightly acidic and may cause eye and skin irritation. KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Avoid prolonged contact with skin. Avoid ingestion. If swallowed, do not induce vomiting—call physician. Avoid contact with eyes—wear eye protection. If splashed in eyes, wash immediately with clean water and call physician if irritation persists. Contact areas should be thoroughly washed with soap and water. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet. SlabArmor™ PermaMelt may etch glass and painted surfaces. Immediately wash off with water all overspray from glass and painted surfaces. On very smooth surfaces, it may be slippery (as you would expect in icy wet conditions.)

Precautions / Limitations

- Do not blend with other products.
- Incompatible with strong oxidizers and strong acids.
- Consult SDS before use.

Warranty

www.mqslabarmor.com/warranty

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