



FREEZER-KOTE

INTERIOR ENAMEL HIGH-GLOSS

FK-13XX

Features

- For Sub-Freezing Painting Down to -40 °F
- For Industrial Use Only
- Not Recommended For Residential Use
- This product is suitable for use in USDA inspected facilities

*Not intended for application over 40°F

Recommended For

Interior Frozen Food Lockers, Deep Freeze Units, Ice Cream Hardening Rooms, Cold Storage Facilities and Walk-In Coolers. Apply to previously painted surfaces, masonry, plaster, wood and to bare aluminum or ferrous metal.

General Description

Freezer-Kote is a high-gloss, rust inhibiting non-yellowing white coating designed for application from just below ambient to sub-freezing temperatures. However, this product contains alcohol and care should be taken to avoid absorption by unsealed food. This product is available in white and safety yellow.

Limitations

- If painting conditions exceed 40 °F (5 °C), Freezer-Kote is not recommended due to the fact that the alcohol based solvents will dry quickly, making it more difficult to apply at warmer temperatures.
- Not for immersion service and not recommended for floors.
- Not recommended for use on galvanized metal.

Product Information

Colors — Standard:

White (FK-1310), Safety Yellow (FK-1323)
Can be tinted with up to 2 oz. of Industrial Colorant per gallon

— Tint Bases:

N/A

— Special Colors:

Contact your dealer.

Certification & Qualifications:

The products supported by this data sheet contain a maximum of 340 grams per liter VOC/VOS (2.83 lbs./gal.) excluding water and exempt solvents.

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	YES
OTCII	NO
CARB	NO
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

Technical Assistance:

Available through your local authorized independent Insl-x dealer. For the location of the dealer nearest you, call 1-866-708-9180, or visit www.insl-x.com

Technical Data◇

White

Vehicle Type	Synthetic & Natural Resins	
Pigment Type	Titanium Dioxide	
Volume Solids	60 ± 1.0%	
Coverage per Gallon at Recommended Film Thickness	450 – 500 Sq. Ft.	
Recommended Film Thickness	– Wet	3.2 - 3.6 mils
	– Dry	1.9 - 2.2 mils
Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.		
Dry Time @ 0 °F (-18 °C) @ 50% RH	– Tack Free	6 Hours
	– To Recoat	24 Hours
	– Return To Service	24 Hours
High humidity and cool temperatures will result in longer dry, recoat and service times.		
Dries By	Evaporation	
Viscosity	70 – 80 KU	
Flash Point	55 °F or greater (TT-P-141, Method 4293)	
Gloss / Sheen	High Gloss (80+ @ 60°)	
Surface Temperature at Application	– Min.	– 40 °F
	– Max.	40 °F
Thin With	Do not Thin	
Clean Up Thinner	Ethanol or Denatured Alcohol	
Weight Per Gallon	11.2 lbs.	
Storage Temperature	– Min.	45 °F
	– Max.	95 °F
Volatile Organic Compounds (VOC)		
321 Grams/Liter	2.68 Lbs./Gallon	

◇ Reported values are for White. Contact dealer for values of other bases or colors.

Freezer-Kote Interior Enamel High-Gloss FK-13XX

Surface Preparation

General – All surface areas to be painted should be clean, dry, sound and free of all ice, dirt, grease, oils, waxes, mildew and any other surface contaminants that can cause paint failure. Dirt and chalk should be thoroughly removed by scrubbing with warm soapy water. Surface wax should be removed with a commercial wax stripper. Grease residue should be removed with Oil & Grease Emulsifier or a Citrus Cleaner. Remove all loose chipping, cracking and peeling paint from previously painted surfaces by hand scraping, sanding, wire brushing and/or by use of power tool cleaning methods such as electric sanders, grinders, etc. Remove any loose rust, mill scale or rust deposits from metal surfaces. Freezer-Kote may be applied over tightly adherent light rust, but two coats must be applied. Repair/replace any seriously damaged and/or delaminated surface areas. Lightly feather sand all rough paint edges to adjacent surface area. All glossy surface areas should be lightly sanded to effectively dull any existing sheen and create a more suitable surface for painting.

Mildew – Surface areas affected by mildew should be thoroughly hand scrubbed with a soft to medium bristle scrub brush and a solution of one cup Tri-Sodium Phosphate or a non-ammoniated detergent cleaner mixed with one part household bleach* and three parts warm water, per gallon solution, Allow solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse thoroughly with clean water and allow 24 – 48 hours to dry.

*Follow bleach manufacturer's instructions for safe handling and use of bleach solution.

Freezer-Kote is self-priming, showing good adhesion to masonry, ferrous metal, wood, plasterboard.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

Stir contents thoroughly and apply as is from container with brush, roller or spray. Apply to surface while under refrigeration down to -40°F. Use Freezer-Kote as its own primer if two coats are necessary.

Clean Up

Clean with Ethanol or Denatured alcohol.

Environmental Health & Safety Information

DANGER!

May damage fertility or the unborn child

Highly flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Response: IF exposed or concerned: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use CO₂, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents /container to an approved waste disposal plant.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN
FOR PROFESSIONAL USE ONLY**

**Refer to Safety Data Sheet for
additional health and safety information.**