



**ELASTOMERIC CERAMIC**  
**BUS-KOTE™**  
**WATERPROOFING & INSULATING**  
**BUS & R.V. COATING**

**PRODUCT DATA**  
**#7740**  
**03/29/10**  
*superseding: 06/21/07*

**PRODUCT DESCRIPTION:**

**BUS-KOTE™** is a bright white, acrylic elastomeric, insulating and soundproofing ceramic, waterproofing Bus & Recreational Vehicle Roof Coating. It is a waterborne, latex based, high build formula that provides waterproofing, insulation, soundproofing, beauty and protection. It forms a thick rubber-like ceramic shield of protection that expands and contracts with varying hot and cold temperatures, plus resists thermal shock. **BUS-KOTE™** offers superior mildew resistance, ceramic insulation & soundproofing, excellent adhesion, ultraviolet ray reflectivity and a beautiful finish.

**BUS-KOTE™** was originally designed as an insulating, reflective coating for School Districts to use on the roofs of school buses with no air conditioning, to lower the interior bus temperature. This energy saving coating will reduce interior temperatures when hot, and make interior temperatures more constant when cold, due to ceramic insulation. It is formulated to resist over 100 M.P.H. wind driven rains. **BUS-KOTE™** offers a **7 YEAR LIMITED MATERIAL WARRANTY** when applied to manufacturer's specifications. This easy to apply, maintenance free coating system will provide years and years of durable protection and outstanding beauty.

**PRODUCT USES:**

**BUS-KOTE™** is recommended for most any Bus & Recreational Vehicle roof surface. Roof surface must be well drained and can not hold any ponding water. It has excellent adhesion to wood, shakes, plywood, primed metal, galvanized, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, Styrofoam, fiberglass, rolled roofing, modified bitumen membranes, mineral surfaced roofing, concrete, masonry, and various other substrates.

**SURFACE PREPARATION:**

A primer sealer coat of **BUS-PRIME™** should have been applied prior to the application of **BUS-KOTE™** and is required for the **7 Year Limited Material Warranty**. For proper adhesion to the primer coat, it is essential that the surface is clean and dry and free of all moisture.

Prepare surface by thoroughly pressure washing with a water and chlorine solution (unless previously done before primer coat) using at least 1500 P.S.I to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. **BUS-KOTE™** will resist mildew growth but will not kill mildew already on the surface. Apply only to a sound, well prepared roof surface. Prepare all rusted and corroded surfaces with **METAL-PRIME RED-OX™**, a Red Iron Oxide Primer Sealer. Patch any holes, cracks, valleys, etc., with **PERMAPATCH™**, a Waterproofing Caulk and Sealant. Tape and seal all seams with **PERMATAPE™**, a Polyester Fabric Tape.

**APPLICATION PROCEDURE:**

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has had enough time to dry (approximately 4 to 6 hours). Drying time will vary depending on temperature, humidity & location. Apply using brush, roller or spray. Spread uniformly. Wait at least 12 hours before applying a second coat. Two coats are required for the **7 Year Limited Material Warranty**.

**AIRLESS SPRAYERS:** Use at least a 1 gallon per minute, piston type, airless sprayer with a minimum tip size of .027.

**CLEAN UP:**

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

Specialty

Ambient Temperature of 77°F and RH of 50%		<b>TECHNICAL SPECIFICATIONS:</b>	Rates & Times May Vary Beyond Specifications
FINISH:	Flat	SPREAD RATE:	100 to 150 sq. ft./gal.
COLOR:	White (Tintable)	DRY to TOUCH:	4 to 6 Hours
VEHICLE TYPE:	Copolymer Emulsion	RECOAT:	12 Hours
SOLIDS by WEIGHT:	64% +/- 2%	CURE TIME:	5 to 7 Days
SOLIDS by VOLUME:	37% +/- 2%	SIZES:	1 Gal., 5 Gal., 55 Gal.
V.O.C.'s (averages):	.62 lbs./gal. • 74.0 g/liter	GALLON WEIGHT:	11.7 lbs. +/- .3 lbs.
Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.			

In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



# MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:  
7740**

<b>Product Identification</b>	Product Name: <b>BUS-KOTE™</b> Product Code #: <b>7740</b> General Usage: Exterior Bus & Recreational Vehicle Coating General Description: Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
<b>Manufacturer Information</b>	Manufacturer's Name: Nationwide Chemical Coating Mfrs., Inc. Address: 7106 24th Court East; Sarasota, FL 34243-3993 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 <sup>st</sup> , 2005	
<b>Chemical and Physical Properties</b>	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H <sub>2</sub> O=1): >1 Vapor Presence: about same as H <sub>2</sub> O Percent Volatile: 32-37% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H <sub>2</sub> O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
<b>Fire Protection Information</b>	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
<b>Storage and Reactivity</b>	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
<b>Transportation</b>	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint
<b>Container Labeling</b>	Explanation of Unique Labeling System: None Used	

<b>Health Hazard Data</b>	<b>SHORT TERM EXPOSURE</b>	
	Route of Entry: Inhalation: Skin:  Eyes:  Ingestion:	Precautionary Treatment Expected None Expected None  Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists  Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
	<b>LONG TERM EXPOSURE</b>	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
<b>Personal Protection</b>	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
<b>Spill or Leak Protection</b>	Accidental Release or Spill:  Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal  N/A
<b>Treatability</b>	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
<b>Recommended Waste Disposal</b>	Dispose of in accordance with Federal, State and Local guidelines.	

**EMERGENCY & INFO: 1-800-423-7264**

*Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.*

**EMERGENCY & INFO: 941-753-7500**