

# TDS TEAK CAULKING (SIS 440)

## APPLICATION INSTRUCTIONS

### PRIMER NOT NECESSARY



1. Seams must be **clean** and **dry**. Surrounding wood should have less than 12% moisture content. **DO NOT ATTEMPT TO CAULK WET SEAMS**. If water or moisture is present, cover area to be caulked, and allow to dry. In some cases, this may take several weeks. For this reason, it is best to caulk under cover. If cover is not available during a reseam, only open as much seam as can be cleaned and recaulked without moisture getting into the seam.
2. When caulked, the **ambient temperature** should be between **40-90° F (5-33° C)**. If it is too cold, caulked will not cure. In the tropics, the teak deck may become so hot from the sun that the uncured caulked will **bubble out** of the seams.
3. **Seams** should be **thoroughly cleaned** back to fresh wood. Old caulked can be removed with a razor knife and reefing hook, a router, or circular saw. After removing old caulk, **sand the wood** on sides of seams with a piece of 80-grit sandpaper. Remove any **debris** in seams with a reefing hook, a brush and a **vacuum or compressed air**. Be sure that compressed air system has **traps** for moisture and oil.
4. Thoroughly clean and de-oil teak in seams with clean rags and **acetone**. Change rags **frequently**.
5. **Primer Not Necessary**.
6. For best results, a bond breaker tape (**3M Brand #218 Fine Line**) should be applied to the bottom of the seam before caulked.
7. To **begin** caulked, cut the top of the caulked nozzle to fit in the seam; and puncture the inner seal. **Squeeze** the end of the **nozzle** with a pair of pliers to allow the tip to reach the **bottom of the seam**.
8. Apply SIS 440 to **bottom of seam**, allowing it to flow upward until crowning above the top of the seam. Smoothly pull the gun along the seam. **Avoid starts and stops** or changes in direction that may entrap air.
9. Immediately after application, draw a **flexible putty knife** over the seam, applying enough pressure to slightly bend the blade. The caulked should **well up behind** the knife in a slight **crown**. Entrapped air will “pop” and must be worked out of the seam before continuing. Remove excess caulk from the deck with a putty knife, leaving the seam bead undisturbed.
10. Allow caulked to **cure** at least **48 hours**, (longer in colder weather) before proceeding. When caulked has cured, sand surface of deck to remove excess caulked with **80-grit sandpaper** on a **grinder** with a **soft pad**. When sanding, hold surface of pad **flat** against the deck and keep it **moving** to avoid sanding a depression into the deck surface

**NOTE:** Paint and varnish do not adhere to caulked. After sanding caulked, be sure to thoroughly clean any surrounding surfaces that are to be painted with solvents to remove contaminants that may cause ‘fisheye’! Test surfaces before painting.

#### **ESPAÑOL:**

Por favor solicite de su comerciante información de la aplicación del producto.

#### **FRANCAIS:**

Veuliez demander l’information d’application de votre négociant.

#### **DEUTSCH:**

Bitte Anwendungs-Information von Ihrem Händler Anfordern.

Meets or exceeds Federal Specifications TT-S-00230C (COM-NBS) for one component building sealants and TT-S-001543A (COM-NBS) for polymer building sealants.

**STORAGE:** Store in a dry area at temperatures below 80°F (26°C) and above 32°F (0° C). Do not let freeze. Use within 18 months of manufacture.

**CAUTION!** Use with adequate ventilation. Contact with uncured product may irritate eyes. In case of contact, flush eyes with water for at least 15 minutes. Consult a physician. (Contact lens wearers should take appropriate precautions.) Avoid repeated and prolonged skin contact. **Keep out of reach of children.** For additional information, consult Material Safety Data Sheet.

#### Name

Methyl oximino silane

#### Cas#

22984-54-9

**WARRANTY:** In connection with the sale of this product, Teakdecking Systems Inc (TDS) makes no warranty of suitability for any specific purpose. In lieu of all warranties expressed or implied, TDS will refund the purchase price of any defective material. In no case will TDS be liable for incidental or consequential damages.

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## PRODUCT INFORMATION SHEET



### ***TDS TEAK CAULKING (SIS 440)***

- One-Part Polymer Adhesive/Sealant - Neutral Cure
- No Primer Necessary

**DESCRIPTION:** TDS Deck Sealant is a one-part, paste-like neutral cure system which when exposed to moisture in the air reacts to form a tough, flexible solid rubber compound. The sealant is a thixotropic material, which does not sag during cure, and, when cured, has excellent temperature stability and chemical resistance. Because the sealant is neutral cure, it is non-corrosive to all substrates.

**SAFETY AND RELIABILITY:** During cure, the sealant may irritate eyes. Care should be taken to read all caution labels and statements.

PROPERTIES		PHYSICALS	
Color	Black, White & Gray	Durometer (Shore A)	30
Specific Gravity	1.2	Tensile Strength	300 psi
Viscosity	Thixotropic Paste	Elongation	350%
Tack-Free Time	20-40 minutes	----	--
<b>PACKAGING:</b>			
<b>IN CARTRIDGES</b>	<b>IN SAUSAGES</b>	<b>IN 5 GAL. (US) PAIL</b>	
10.3 fl. oz. (305ml)	20 fl. oz. (600ml)	4.5 US gal. (17l)	

**SHELF LIFE & STORAGE:** Stored at or below 80°F (26°C) in the provided container, the sealant has a shelf life of eighteen months from the date of shipment. Product date code on packaging is date of manufacture.

### **HANDLING SUGGESTIONS:**

- 1.) Read and follow instructions printed on the packaging.
- 2.) Paint and varnish do not adhere to caulking. After sanding, small particles of polymer from teak dust or other dust residue from the caulk may cause 'fisheye' in wet paint. Thoroughly vacuum off teak dust and clean surfaces with proper solvents before painting to avert paint issues.
- 3.) Should you not completely empty the packaging in which the sealant was shipped, simply extrude approximately 1/8" beyond the tip, let cure, and you have a ready-made plug that can be pulled out easily when use is required again after a temporary work stoppage.
- 4.) **CLEANUP:** Use mineral spirits to clean your hands and tools from caulk. **NEVER USE MINERAL SPIRITS IN TEAK SEAMS** (acetone only).

**NOTICE:** The information herein is based on data available to us, and is believed reliable. Since the use of this product is beyond our control, there is no expressed or implied warranty of results, or that such use will not infringe on any patents. The product is furnished on the condition that the user will determine its suitability, and that the user assumes all legal responsibility, and that neither seller nor manufacturer shall be liable for any injury, loss, damage or consequential loss, arising from use or inability to use the product. We make no guarantee that the suggested health and safety precautions will be adequate for all individuals and/or situations.