

### PRODUCT DATA SHEET

- **A BRUSHABLE, CLEAR, RUBBER-LIKE SEALANT FOR USE IN A WIDE VARIETY OF GENERAL CONSTRUCTION AND ROOFING APPLICATIONS.**
- **RECOMMENDED FOR JOINTS AND SEAMS WHEREVER DISSIMILAR MATERIALS MEET.**

### PRODUCT DESCRIPTION

**DYNA-SEAL** is a clear, brushable, elastomeric material with rubber-like flexibility. It seals and waterproofs concrete, brick, block, stone, wood, and asphalt surfaces. It seals metal surfaces, thereby preventing rust. It seals joints, stops leaks, and is recommended wherever dissimilar materials meet. Easily applied, DYNA-SEAL cures tack-free, is mildew proof, and is paintable.

### USE DYNA-SEAL ON:

#### CONCRETE, BRICK, BLOCK AND STONE SURFACES SUCH AS

Catch Basins, Chimneys, Foundations, Sills, Retaining Walls, Storage Tanks, Planters, and other Non-Trafficked Surfaces

#### METAL SURFACES -

Clear Coats Copper, Rust-proofs Metal

Chimney Caps, Flashing, Gutters, Roof panels, Roof Valleys, Roof Vents, Mobile Homes, Trucks, Autos

Clear Coats Copper, Rust-proofs Metal

#### WOOD SURFACES -

Doors, Siding, Framing, Thresholds, Window Sills, Wooden Gutters, Deck Supports, Posts, Wood Foundations

#### ASPHALT SURFACES -

Shingles, Roofing Materials

**ALSO: MARBLE, CERAMIC TILE, FIBERGLASS, PLASTICS, AND GLASS**

### ADVANTAGES

Excellent adhesion to all common construction surfaces

May be applied to damp or oily surfaces

Can be applied at practically any temperature

Withstands water contact immediately after application

Prevents rust on any metal surface

Self leveling

Cures to a tack free finish

Mildew proof

Paintable

### SURFACE PREPARATION

All surfaces to be coated must be clean, structurally sound, free of foreign substances, and dry - although moderate amounts of dampness will not interfere with adhesion. Wide joints or cracks may require the use of a sealant (DYNA-SEAL SEALANT) with an adequate backing.

For maximum adhesion to heavily oiled or greasy surfaces clean with a suitable solvent. Allow the solvent to fully evaporate before applying DYNA-SEAL. For roof repairs, surfaces must be dry - although moderate amounts of dampness will not interfere with adhesion.

### APPLICATION

Product comes in a self-leveling, brushable grade consistency. After surface preparation, apply with brush, trowel, or putty knife to a thickness of no more than 1/32" per coat. Sealant may not cure properly if applied thicker than 1/32" per coat. This may cause cracking or splitting during curing. To obtain a thicker cured film, apply several 1/32" coats, allowing 24 hours between coats. If painting, test first to determine compatibility.

### CLEANING

Remove spilled or misapplied sealant from tools or other surfaces with mineral spirits. Cured material may be removed from tools or other surfaces with MEK, Xylol or Acrylic Thinner.

Observe manufacturer's precautions when using toxic or flammable solvents.

## **LIMITATIONS/PRECAUTIONS**

Not intended for traffic-bearing surfaces.  
Not recommended for polystyrene insulation sheathing.  
Contains solvents which may craze some plastics.  
DYNA-SEAL is combustible during cure time.  
DYNA-SEAL must cure until solvent dissipates prior to allowing food to be processed or stored in same area.  
Always test first to determine compatibility.  
Apply in well ventilated area.

### **Service Temperature Range:**

- 40 degrees F to 180 degrees F.

### **Application Temperature Range:**

0 degrees F to 140 degrees F.

**Note:** Warm sealant when temperature is below 30°F.

**COVERAGE** Coverage will vary depending on the porosity of the surface being coated. Two coats are recommended.

### **THEORETICAL YIELD:**

<b><u>Surface Type</u></b>	<b><u>Yield (approx.)</u></b>
Smooth (i.e. Metal)	100-200 sq. ft.
Asphalt Shingles	80-150 sq. ft.
Porous (i.e. Wood Shingles)	25 sq. ft.

### **TECHNICAL DATA**

Density .....	7.7 lbs./gallon
Specific Gravity (77 degrees F.) .....	.92
Flash Point .....	109 degrees F.
Viscosity (Brookfield DV-III C spindle) .....	5943 cps at 77 degrees F.
Percent Solids .....	49% by weight
Tack Free Time .....	2.5 hour
Elongation .....	>560%
Application Temperature .....	0 degrees F. to 140 degrees F.
Service Temperature.....	-40 degrees F. to 180 degrees F.
Water Vapor Transmission.....	1.14 mg/sq. cm/24 hour
Water Vapor Permeance (metric) .....	.05 perms

VOC content less than 468 grams/liter.

CONTENTS: Aromatic Hydrocarbon CAS #64742-95-6, 1,2,4-Trimethylbenzene CAS #95-63-6, 1,3,5-Trimethylbenzene 108-67-8, 1,2,3-Trimethylbenzene CAS #526-73-8, Cumene CAS #98-82-8, Xylene CAS #1330-20-7.

**WARNING!** Contains Aromatic Hydrocarbons. Use with adequate ventilation. Avoid eye contact. This product contains a chemical known to the state of California to cause cancer.

**KEEP OUT OF REACH OF CHILDREN.** May be harmful or fatal if swallowed. If swallowed, seek immediate medical attention. Do not eat, drink or induce vomiting. Avoid prolonged skin contact and breathing of vapors.

For technical assistance contact

**CREATIVE MATERIAL TECHNOLOGIES, LTD.**

**21 Wilbraham St, Unit B11, Palmer, MA 01069**

**Phone: 413-284-0000**

**LIMITED WARRANTY:** This product is warranted to be of good quality when used according to the manufacturer's directions. It is not warranted for any other use or purpose. If proved to be defective, liability is limited to replacement of defective material, or refund of the purchase price of the material, at the option of Creative Material Technologies, Ltd. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturer's or its dealer's responsibility. There are no other warranties, either expressed or implied. Creative Material Technologies, Ltd. will not be liable for any consequential, incidental, or special damages arising directly or indirectly from the use of this product.

Manufactured By:

**Dynamic Coating Solutions**

A Division of **CREATIVE MATERIAL TECHNOLOGIES, LTD.**

**21 Wilbraham St, Unit B11, Palmer, MA 01069**

Tel: (413) 284-0000      www.dynasolv.com