

## Technical Data Sheet Supertacker<sup>®</sup> 67662

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### Product Description

Hernon<sup>®</sup> Supertacker<sup>®</sup> 67662 is a single component, high performance elastomeric adhesive that exhibits exceptional bonding characteristics to a broad range of materials including metals, glass, plastic composites, rubber, leather, wood and vinyl. Supertacker<sup>®</sup> 67662 provides a tough, waterproof bond that won't crack or become brittle.

### Product Benefits

- Exceptional flexibility – Does not become brittle in cold weather, can bond items subject to vibration.
- Waterproof – Can be submerged in fresh and salty water after complete cure.
- Abrasion resistance – Great for bonding objects subject to wear.

### Typical Applications

- Can be used as a sealant for ammunition rounds.
- Bonding lead wires on loudspeaker applications.
- Repair plastic containers.
- Mend hoses.
- Repair torn vinyl mats.
- Affix plastic moldings and trim.

### Typical Properties (Uncured)

Property	Value
Appearance	Red liquid
Viscosity @ 25°C, cP	50 - 100
Specific gravity	1.02
Tack free time Brass, minutes	1 - 3
Flash point	See SDS

### Typical Properties (Cured)

Property	Value
Tensile strength, psi, ASTM D412	≤2000
Full Cure, thin film, hours	24
Temperature range, °C (°F)	-40 to 150 (-40 to 302)

### Typical Environmental Resistance

#### Chemical/Solvent Resistance

Supertacker<sup>®</sup> 67662 exhibits excellent resistance to water, dilute acids and dilute bases. Thin films of Supertacker<sup>®</sup> 67662 were immersed in the chemicals/solvents listed below for two weeks and exhibited no significant weight gains.

#### Chemical/Solvent

Acetic acid, 5%

Acetic acid, 10%

Sulfuric acid, 3%

Sulfuric acid, 10%

Nitric acid, 10%

Nitric acid, 20%

Phosphoric acid, 30%

Phosphoric acid, 60% P<sub>2</sub>O<sub>5</sub>

#### Chemical/Solvent

Sodium chloride, 10%

Sodium carbonate, 2.7%

Potassium hydroxide, 3.4%

Ammonium hydroxide, 3.4%

Distilled water

Motor oil, 30W

Hydraulic oil

Antifreeze

#### Chemical/Solvent Non-Resistance

The following is a list of common solvents that dissolve Supertacker<sup>®</sup> 67662 when hardened samples are immersed. The dissolution with these solvents is not instantaneous and therefore does not preclude usage in all cases. Applications where an occasional splash or brief exposure is expected may be acceptable. Test a small area before full use.

#### Chemical/Solvent

Gasoline

Cyclohexane

Perchloroethylene

1,1,1-Trichlorethane

#### Chemical/Solvent

Propyl acetate

Toluene

Methylene chloride

### General Information

**This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.**

**For safe handling information on this product, consult the Safety Data Sheet (SDS).**

#### Directions for Use

1. Surface should be clean and dry.
2. For porous surfaces (wood and concrete) apply a liberal bead of adhesive to surfaces and bond immediately.
3. For joining non-porous surfaces, apply a light coating of adhesive to each surface and press both surfaces together applying pressure for at least 10 minutes.

4. **Supertacker® 67662** hardens by solvent evaporation. At 70°F (21°C) the adhesive will provide significant “grab” in 5 minutes. However, normal bond lines require 24 hours and thick bond lines may require 48 to 72 hours.
5. Cure time increases with temperatures lower than 70°F (21°C) and decreases with temperatures above 70°F (21°C).
6. When finished, wipe excess adhesive from the tube neck and secure with cap.

#### Application Notes

1. Some substrates require light sanding for optimum adhesion.
2. As a contact adhesive: Apply **Supertacker® 67662** directly to surface. Allow to partially cure, 2-10 minutes, before bringing surfaces together.
3. As a sealant: Use thin coats of **Supertacker® 67662**.
4. Speed drying time by using a hand-held dryer. Set on low and do not hold directly on adhesive.
5. **Supertacker® 67662** is not recommended for use on Styrofoam™, polystyrene, polyethylene or polypropylene plastics. Test a small area before extensive use.
7. **Supertacker® 67662** is not recommended for use on aquariums.

#### Storage

**Supertacker® 67662** should be stored in a cool, dry location in unopened containers at a temperature between 50°F to 80°F (10°C to 27°C) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

#### Dispensing Equipment

**Hernon®** offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.

These suggestions and data are based on information we believe to be reliable and accurate, but no guarantee of their accuracy is made. HERNON MANUFACTURING®, INC. shall not be liable for any damage, loss or injury, direct or consequential arising out of the use or the inability to use the product. In every case, we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine whether the product is of satisfactory quality and suitability for their operations, and the user assumes all risk and liability whatsoever, in connection therewith. Hernon's Quality Management System for the design and manufacture of high-performance adhesives and sealants is registered to the ISO 9001 Quality Standard.