



633 RAPID REPAIR PASTE

Hardener 2 Gal Unit - Contains 1 Gal

FOR USE WITH RESIN COMPONENT OF 633 RAPID REPAIR PASTE ONLY

DESCRIPTION: 633 RAPID REPAIR PASTE is a multi-purpose, 100% solids epoxy repair paste for fast-track repairs and an excellent adhesive for flooring accessory installations. 633 RAPID REPAIR PASTE is a two component thixotropic compound that is easily applied using a trowel, drywall knife or plastic applicator. This unit of Hardener is one portion of a two component (1:1 Resin to Hardener by volume), 100% solids epoxy repair compound.

PACKAGING: The 2 gallon unit consists of a 1 gallon unit of Hardener and 1 gallon unit of Resin each packaged in one gallon pails. When combined, the unit contains a total of 2 gallons of mixed product.

SURFACE PREPARATION: The substrate must be clean, dry and sound with new concrete cured for at least 30 days at 70°F. Remove dust, laitance, grease, curing compounds, waxes, foreign particles, animal fats, oils, disintegrated or soft base materials, and any previously applied potentially incompatible coatings. Create a surface profile on concrete by either shot-blasting or mechanically grinding to a minimum CSP-2 profile

MIXING: Portion the black colored Resin into a mixing vessel. Portion an equal amount of the white colored Hardener into the Resin and mix by hand with a blade, paint stick or power mix with spiral style mixing blade at low speed (300 RPM) for two minutes and until all the material is a solid, homogenous gray color. Do not entrain air during mixing. Avoid mixing and application of 633 RAPID REPAIR PASTE if the substrate and/or air temperature are below 50°F or above 85°F, or if the humidity is higher than 75% R.H. The temperature of the substrate, the epoxy, and the air in the area of installation all play a role in cure time (i.e., warmer=faster; cooler=slower). 633 RAPID REPAIR PASTE should be tack-free and dry before applying additional coatings. This will vary with temperature and humidity, but is normally between 30 - 45 minutes @ 75°F and 50% R.H.

APPLICATION: Apply using a putty knife, trowel, or plastic applicator. 633 RAPID REPAIR PASTE can be applied to a feather edge as thinly as a blade can strike it off or in lifts up to 3/8" deep. Deep repairs may require multiple lifts allowing for cure in between applications.

POT LIFE: At 75°F and 50% R.H., the 633 RAPID REPAIR PASTE has a useful working time of approximately 15 minutes. Using any product beyond this time will result in variable results and therefore any mixed product beyond the pot life should be discarded.

TECHNICAL DATA AND SAFETY DATA SHEET AVAILABILITY: A Technical Data Sheet and Safety Data Sheet are available from TRI-CHEM for this product. Applicators should read and understand both documents prior to mixing and applying this product.

H663-000 Hardener	CAS Number
Parateriarybutylphenol	98-54-4
m-xylenediamine	1477-55-0
1,3-Cyclohexanedimethanamine	2579-20-6
Triphenyl Phosphite	101-02-0
Synthetic Amorphous, Pyrogenic, Fumed Silica	112945-52-5
Titanium Dioxide	13463-67-7
Crystalline Silica (quartz)	14808-60-7
Solvent naphtha, petroleum, light aromatic	64742-95-6

HMIS: Health - 3, Flammability - 2, Reactivity - 0 (0 - Minimal, 4 - Severe Hazard)
DOT Technical Name: Amines, Liquid, Corrosive, N.O.S. (1, 3-Cyclohexanedimethanamine, xylene diamine)
DOT Hazard Class: Class 8 **Hazard Subclass:** N/A **DOT I.D. Number:** UN2735 **Packing Group:** II
IMDG Technical Name: Amines, Liquid, Corrosive, N.O.S. (1, 3-Cyclohexanedimethanamine, xylene diamine)
Hazard Class: Class 8 **Hazard Subclass:** N.A. **I.D. Number:** UN2735 **Packing Group:** III
Acute Oral Toxicity, Category 4 **Skin Corrosion, Category 1C** **Serious Eye Damage, Category 2A**
Chronic Aquatic Toxicity, Category 1



SIGNAL WORD: Danger

Hazard-determining components of labeling: Benzyl Alcohol

Hazard Statements H317 May cause an allergic skin reaction H302 Harmful if swallowed H410 Very toxic to aquatic life with long lasting effects H335 May cause respiratory irritation H314 Causes severe skin burns and eye damage

Precautionary Statements P273 Avoid Release to the Environment P280 Wear protective gloves/ protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing. P310 Immediately Call a POISON CENTER or doctor/physician.

GENERAL ADVICE: Consult a physician. Show this safety data sheet to physician in attendance.

EYES: Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

SKIN: Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water. Remove contaminated clothing immediately, wash before next use, and discard any items too difficult to clean.

INGESTION: Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person. DO NOT

INDUCE VOMITING unless directed to do so by medical personnel! Call a physician or poison control center immediately. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs.

INHALATION: Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

HANDLING: Handle in a well-ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

STORAGE: Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

DISPOSAL METHOD: The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations.

KEEP OUT OF THE REACH OF CHILDREN

Tri-Chem | 431 Stephenson Hwy. | Troy, MI 48083 | 800.456.6255 | tri-chem.com



633 RAPID REPAIR PASTE

Resin 2 Gal Unit - Contains 1 Gal

FOR USE WITH HARDENER COMPONENT OF 633 RAPID REPAIR PASTE ONLY

DESCRIPTION: 633 RAPID REPAIR PASTE is a multi-purpose, 100% solids epoxy repair paste for fast-track repairs and an excellent adhesive for flooring accessory installations. 633 RAPID REPAIR PASTE is a two component thixotropic compound that is easily applied using a trowel, drywall knife or plastic applicator. This unit of Resin is one portion of a two component (1:1 Resin to Hardener by volume), 100% solids epoxy repair compound.

PACKAGING: The 2 gallon unit consists of a 1 gallon unit of Hardener and 1 gallon unit of Resin each packaged in one gallon pails. When combined, the unit contains a total of 2 gallons of mixed product.

SURFACE PREPARATION: The substrate must be clean, dry and sound with new concrete cured for at least 30 days at 70°F. Remove dust, laitance, grease, curing compounds, waxes, foreign particles, animal fats, oils, disintegrated or soft base materials, and any previously applied potentially incompatible coatings. Create a surface profile on concrete by either shot-blasting or mechanically grinding to a minimum CSP-2 profile

MIXING: Portion the black colored Resin into a mixing vessel. Portion an equal amount of the white colored Hardener into the Resin and mix by hand with a blade, paint stick or power mix with spiral style mixing blade at low speed (300 RPM) for two minutes and until all the material is a solid, homogenous gray color. Do not entrain air during mixing. Avoid mixing and application of 633 RAPID REPAIR PASTE if the substrate and/or air temperature are below 50°F or above 85°F, or if the humidity is higher than 75% R.H. The temperature of the substrate, the epoxy, and the air in the area of installation all play a role in cure time (i.e., warmer=faster; cooler=slower). 633 RAPID REPAIR PASTE should be tack-free and dry before applying additional coatings. This will vary with temperature and humidity, but is normally between 30 - 45 minutes @ 75°F and 50% R.H.

APPLICATION: Apply using a putty knife, trowel, or plastic applicator. 633 RAPID REPAIR PASTE can be applied to a feather edge as thinly as a blade can strike it off or in lifts up to 3/8" deep. Deep repairs may require multiple lifts allowing for cure in between applications.

POT LIFE: At 75°F and 50% R.H., the 633 RAPID REPAIR PASTE has a useful working time of approximately 15 minutes. Using any product beyond this time will result in variable results and therefore any mixed product beyond the pot life should be discarded.

TECHNICAL DATA AND SAFETY DATA SHEET AVAILABILITY: A Technical Data Sheet and Safety Data Sheet are available from TRI-CHEM for this product. Applicators should read and understand both documents prior to mixing and applying this product.

R663-000 Resin	CAS Number
Bisphenol A Epoxy Resin	25085-99-8
Hydrophobic Silica	67762-90-7
Light Aromatic Naphtha Solvent	64742-95-6

HMIS: Health - 2, Flammability - 1, Reactivity - 0 (0 - Minimal, 4 - Severe Hazard)

DOT SHIPPING NAME: Resin Compound - Not Regulated

IMDG Technical Name: Environmentally hazardous substance, Liquid, N.O.S.

Hazard Class: 9 **Hazard Subclass:** N.A. **I.D. Number:** UN3082 **Packing Group:** III
Acute Toxicity, Category 4 **Carcinogenicity, Category 2**



SIGNAL WORD: Warning

Hazard-determining components of labeling: Bisphenol A Epoxy Resin

Hazard Statements H317 May cause an allergic skin reaction H302 Harmful if swallowed H335 May cause respiratory irritation

H351 Suspected of causing cancer

Precautionary Statements P273 Avoid Release to the Environment P280 Wear protective gloves/ protective clothing/eye protection/face protection. P284 Wear respiratory protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing. P310 Immediately Call a POISON CENTER or doctor/physician.

GENERAL ADVICE: Consult a physician. Show this safety data sheet to physician in attendance.

EYES: Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

SKIN: Contact a physician. Remove product and flush with plenty of water for at least 20-30 minutes. Wash with soap and water. Remove contaminated clothing immediately, wash before next use, and discard any items too difficult to clean.

INGESTION: DO NOT INDUCE VOMITING! Call a physician or poison control center immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

INHALATION: Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

HANDLING: Handle in a well ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

STORAGE: Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

DISPOSAL METHOD: The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.

KEEP OUT OF THE REACH OF CHILDREN

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