Cured epoxy putties are highly resistant to corrosion or deterioration by dilute acids and caustics. They will withstand the influence of mildly

acidic water.

# Solvents

Normal temperature exposure to the following solvents has no effect or minor effect on cured epoxy putties:

* Alcohols (e.g., methyl, ethyl, isopropyl, butyl)
* Antifreeze
* Cellosolves
* Chlorinated solvents, saturated (limited)
* Ester (e.g., amyl acetate)
* Greases
* Lacquers and lacquer thinner
* Methylene chloride
* Mineral spirits
* Naphtha
* Natural oils, e.g., linseed, olive, palm
* Oils and fuels, including diesel oil, fuel oil, gasoline, jet fuel, lubricating oil and silicone oil
* Methylene chloride
* Mineral spirits
* Paint thinner
* Shellac
* Toluene
* Trichloroethane
* Turpentine
* Xylene.

Hot or strongly concentrated exposure to the following solvents has a moderate or severe effect on cured epoxy putties:

* Acetone
* Ester (hot)
* Methylethyl ketone (MEK).

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| **Chemical Resistance of Cured Epoxy Putties** |

# Caustics

Normal temperature exposure to the following caustics has no effect or minor effect on cured

epoxy putties:

* Chlorine bleach (dilute)
* Caustic potash
* Hydrogen peroxide
* Salt solutions, including alum, calcium chloride and salt
* Soap and soap solutions.

Hot or strongly concentrated exposure to the following caustics has moderate or severe effect on cured epoxy putties:

* Bromine
* Caustic potash (hot)
* Chlorine
* Chromate solutions
* Hydrogen peroxide (hot)
* Hypochlorite bleach (concentrated or hot)
* Oxidizing agents
* Sodium peroxide
* Soap and soap solutions
* Oleum
* Plating solutions.

# Acids

Normal temperature exposure to the following dilute acids has no effect or minor effect on cured epoxy putties: • Acetic

* Muriatic
* Nitric.

Hot or strongly concentrated exposure to the following acids has a moderate or severe effect on cured epoxy putties: • Acetic

* Aqua regia
* Carbolic
* Muriatic
* Nitric
* Sulfuric.

# Miscellaneous

The following have no effect or minor effect on cured epoxy putties:

* Lard
* Water.