

CLOCK SPRING®

Application Note Disposal of MA 440 and MA 441

The following disposal guidelines are contained in a letter from:

Plexus
An Illinois Tool Works Company (ITW)
30 Endicott Street
Danvers, MA
01923



"Disposal Guidelines for MA440 and MA441 Adhesive / Activator Systems According to U.S. regulations governing the disposal of MA440 and MA441 adhesives as waste:

Unmixed Systems

10:1 Adhesive Systems

The adhesive sides of the products in their virgin state are classified as hazardous waste (see MSDS for specific codes).

The activator sides of the products in their virgin state may be classified as a hazardous or non-hazardous waste according to the individual activator (see MSDS for specific codes).

Containers that are scraped down to remove the adhesive / activator as much as possible and have no more than 3% residue (one inch in a 55 gal drum or liner) are considered empty according to EPA's RCRA regulation.

Mixed Systems

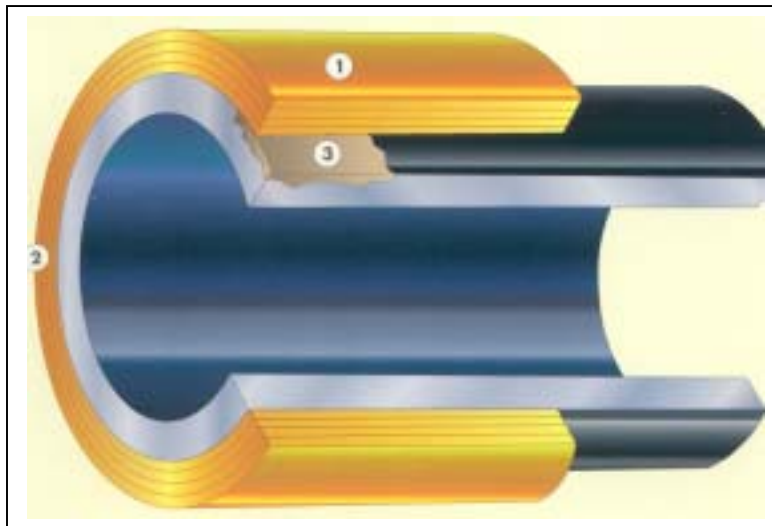
Mixtures of the adhesive and activator are classified as hazardous waste when not solidified whether it's due to improper mixing or obsolete material not reacting properly.

The mixing of hazardous wastes with non-hazardous wastes is classified as a hazardous waste regardless of its physical state.

10:1 Adhesive systems that have already been solidly cured can be classified as a non-hazardous waste when disposed of. CERCLA reportable quantities, Land Disposal Restrictions, and state and local regulations should be reviewed before considering land disposal. For more information concerning CERCLA and Land Disposal Restrictions the EPA has set up a CERCLA / RCRA hot line (800-424-9346).

Incineration and fuel blending are the preferred methods for disposing of both hazardous and non-hazardous wastes whether liquids or solids.

**Calvin Patten
Safety, Health & Environmental Manager
July 17, 2001"**



Simply the smartest pipeline repair decision you can make!

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