



34600 Solon Road
Solon, OH 44139 USA
Tel +1.440.542.3811
nVent.com

Both traditional Cadweld and Cadweld Plus have been thoroughly tested to confirm that the materials in Cadweld and the gases from the exothermic reaction are safe for use. Third party laboratory testing has been conducted according to the following standards:

1. United States Environmental Protection Agency (EPA)
 - a. EPA Method 624: Purgeable Organics
 - b. EPA Method 8240: Volatile Organic Compounds by Gas Chromatography – Mass Spectrometry (GC/MS)
 - c. EPA Method 8260D (SW-846): Volatile Organic Compounds by Gas Chromatography – Mass Spectrometry (GC/MS)
2. American Conference of Governmental Industrial Hygienists (ACGIH)
 - a. Threshold Limit Values – Time-Weighted Average (TLV-TWA) for a typical unvented 800ft³ office room. Testing method chosen to portray a worst-case scenario of igniting Cadweld repeatedly in a confined area.
3. Occupational Safety and Health Administration (OSHA)
 - a. Standard 1910.1025 App A – Substance Data Sheet for Occupational Exposure to Lead
 - b. 1910.1000 Subpart Z, Table Z-1 – Limits for Air Contaminants
4. International Electrotechnical Commission (IEC)
 - a. IEC 62321, Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers)

Sincerely,

A handwritten signature in black ink that reads "Melissa D. Botti".

Melissa D. Botti
Global Product Manager, Cadweld