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**Attention: Editor**

**August 11, 2021**

**PRESS RELEASE**



## Fighting Climate Change with Corrosion Protection Film for the Harshest Environmental Conditions!

*As we are faced with extreme weather due to climate changes, Cortec® presents MilCorr® VpCI® Shrink Film – created for the most extreme outdoor climates. In trials conducted, MilCorr® film demonstrated outstanding resistance to the power of storms, fires and hurricanes.*



**MilCorr® Shrink Film withstood three hurricanes in one summer at the Air Force base in Florida.**

Climate change is fueling extreme weather conditions such as the tornados, fires, and floods recently witnessed in Europe. The Mediterranean region is burning and in June tornados swept through the Czech

Republic. European continent is seeking to cope with these new extreme environmental conditions. Unfortunately, billions of dollars in assets are lost every year in the world due to extreme and aggressive environments that lead to corrosion and severe damage. In addition, in harsh outdoor conditions, the protection of infrastructure and personal assets against these massive storms has called for increased utilization of corrosion inhibitor packaging protection to neutralize the damaging effects of saltwater, humidity, and debris hurled through the air.



In addition to containing VpCI® masterbatch, MilCorr® contains fire retardant additives thus helping to protect equipment from catching on fire.

Cortec® developed MilCorr® VpCI® Shrink Film for the preservation and corrosion protection of outdoor assets, even in the harshest environments. This film protects assets of all sizes—from aircraft, to offshore equipment, to operational spares on outdoor racks when unsheltered storage is the only option. It preserves surfaces against the most powerful elements of nature by providing non-hazardous, user-friendly protection with corrosion inhibitors that can replace conventional rust preventatives such as oils and desiccants, offering an alternative to wooden crating, aluminum foils, and vacuum packaging. By using MilCorr®, preservation costs may be reduced 40-60% according to well documented data for deep storage and preservation of vehicles and equipment.

This heavy-duty film contains VpCI® Technology and provides durable protection to maintain the integrity of the film itself as well as the parts packaged within. VpCI® molecules vaporize, diffuse, and condense on metal surfaces within the enclosed space,



Shrink-wrapping of the film with a heat gun.

protecting the part's exterior as well as void spaces and recessed areas. MilCorr® VpCl® Shrink Film offers complete product storage protection during domestic and overseas shipments. Asset owners can create a unitized, tight, and tamper-proof protective environment by heat-shrinking MilCorr® VpCl® Shrink Film to fit the shape of the object. This will enable **multi-metal corrosion protection** via contact and vapor-phase molecular action of the corrosion inhibitors within. MilCorr® also offers **UV protection** and provides a **durable physical barrier** effective in most extreme outdoor climates, both on land and sea amid high temperatures, humidity, and chlorides.



Equipment wrapped in MilCorr® VpCl® Shrink Film has been proven to survive hurricanes. Several aircraft cargo loaders underwent testing to evaluate the performance of a VpCl® preservation system for extending asset life expectancy. After a variety of VpCl® materials were applied internally, the assets were wrapped in MilCorr® VpCl® Shrink Film and stored outside. Three hurricanes hit the whole region but, despite the storms and the



massive amounts of saltwater and debris hurled through the air, the MilCorr® VpCl® Shrink Film escaped with a few minor cuts and abrasions. By the end of the trial period, the cargo loaders met all test parameters and continued to perform well.

**MilCorr® provides a preservation solution for a variety of long-term outdoor storage needs:**

- Military vehicles and equipment preservation
- Mothballing of industrial equipment
- Heavy equipment covers
- Recreational vehicle (boats, snowmobiles, etc.) preservation
- Pallet shrouds
- Export packaging of expensive larger equipment

✚ Cortec® MilCorr® VpCl® Shrink Film can be used as a commercial equivalent to MIL-PRF-22019 D Type 1.

\* MilCorr® film is also available from Cortec's European EcoCortec® plant: <https://www.ecocortec.hr/eng/index>

\* For more information on VpCl® packaging, please visit: <https://ecocortec.hr/eng/corrosion-protection-packaging>

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCl® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122