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# Synthetic High Expansion C-2/VEE Foam High Expansion Part No. C2

## DESCRIPTION

Chemguard C2/Vee Foam Concentrate is a multi-purpose foam concentrate that forms an effective vapor barrier in hazardous material spills and fire fighting situations. It is also used for fire extinguishment. It is surfactant based, biodegradable, high water retentive and U.L. Listed.

C2/Vee Foam Concentrate forms an effective vapor barrier against a broad range of volatile chemicals, including all classes of water-immiscible organic liquids and a wide range of acid and alkaline inorganic materials.

C2/Vee Foam Concentrate can be used with high-expansion equipment to combat three-dimensional fires where total flooding is the objective (such as paint booths, paper warehouses, airplane hangars and mines). When used with high-expansion equipment, C2/Vee Foam Concentrate produces a stable blanket of bubbles that can quickly build up to help suffocate flames. The long-lasting foam also helps to prevent reignition.

## FEATURES

- Independent laboratory tests show that C2/Vee Foam Concentrate retains water longer than other foams.
- It is the only foam currently available that is compatible against acid and alkaline materials.
- U.L. test results show that C2/Vee Foam Concentrate has fire control and extinguishment equivalent to, or better than, competitive materials for Class A and Class B fires.
- It has demonstrated fire control capability with contained flammable liquefied gases,

including LNG, LPG, ethylene, butadiene and vinyl chloride monomer.

## FOAM PROPERTIES

When Chemguard C2/Vee Foam is mixed with water in the correct proportion, expansion ratios of up to 1,000 to 1 can be achieved. This expansion ratio is dependent on the type of discharge device and pressure of the system when operating.

## TYPICAL PROPERTIES

|                  |                  |
|------------------|------------------|
| Appearance       | Colorless Liquid |
| Specific gravity | 1.01             |
| pH               | 6.5              |
| Viscosity        | 100 cps          |

## ENVIRONMENTAL IMPACT

Chemguard C2/Vee Foam is biodegradable, low in toxicity, and can be treated in sewage plants. Please refer further to Chemguard Technical Bulletin regarding foam products and the environment.

## STORAGE

If kept in the original manufacturers' supplied container and stored within the temperature range of 35°F - 120°F (1.7°C - 49°C), a shelf life of between 20 – 25 years can be expected. When stored other than the original supplied container, check with Chemguard for storage guidelines.

## ORDERING INFORMATION

Chemguard C2/Vee Foam is available in 5 gallon plastic pails and 55 gallon drums.

|              |                      |
|--------------|----------------------|
| Part No. C2P | 5 Gal. Pail (19 L)   |
| Part No. C2D | 55 Gal. Drum (208 L) |

## SHIPPING WEIGHT

|              |          |
|--------------|----------|
| 5 Gal. Pail  | 45 lbs.  |
| 55 Gal. Drum | 485 lbs. |