

**MATERIAL SAFETY DATA SHEET**  
For Coatings, Resins and Related Materials  
October 7, 1999

**XM-11GE-X**

**SECTION I - PRODUCT IDENTIFICATION**

**Manufacturer:** XM Division  
Van Aken International  
9157 Rochester Court, P.O. Box 1680  
Rancho Cucamonga, CA 91729-1680

**Information Phone:** (909) 980-2001  
**Emergency Phone:** (909) 980-2001

**Product Class:** Non-hazardous Proprietary Mixture  
**Trade Name:** XM High Z Emulsion Explosive Simulant  
**Product Code:** XM-11GE-X

**SECTION II - HAZARDOUS INGREDIENTS**

None

**SECTION III - PHYSICAL DATA**

**Boiling Range:** Not Applicable  
**Evap. Rate:** Not Applicable  
**Volatile Volume:** Not Applicable  
**Appearance:** Dark gray viscous waterbased gel emulsion

**Vapor Density:** Not Applicable  
**Liquid Density:** 1.43g/cc  
**Wgt per gallon:** 11.91 lbs./gal

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flammability Class:** Not Applicable  
**Extinguishing Media:** Water, foam, or carbon dioxide  
**Special Fire Fighting Procedures:** None  
**Unusual Fire & Explosion Hazards:** None

**Flash Point::** Not Applicable

**SECTION V - HEALTH HAZARD DATA**

**Primary Route Of Exposure:** **Inhalation:** No      **Skin Absorption:** No      **Ingestion:** Yes  
**Effects Of Overexposure:** None Known

**First Aid:**  
**Ingestion:** No first aid is normally required, however if swallowed and symptoms develop, seek medical attention  
**Eye Contact:** Flush with cold water, if irritation persists seek medical attention  
**Skin Contact:** Wash with soap and warm water  
**Inhalation:** Remove to fresh air

## SECTION VI - REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Combustion may yield Carbon Monoxide and/or Carbon Dioxide

**Incompatibility:** None

**Conditions To Avoid:** Extreme Heat

## SECTION VII - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is released or spilled:** Wipe up spills, may use soap and water as necessary for cleaning.

**Waste disposal method:** In accordance with local, county, state, and federal regulations

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None

**Ventilation:** Use in a well-ventilated area

**Protective Gloves:** Not normally needed

**Eye Protection:** Not normally needed

## SECTION IX – SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storing:** Store in cool, dry place. Avoid extreme heat. Practice reasonable care and caution.

**Other Precautions:** None

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