

MATERIAL SAFETY DATA SHEET

XM-08-X

For Coatings, Resins and Related Materials
October 7, 1999

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 Smokeless Gun Powder Simulant
Product Code: XM-08-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 coarse powder

Vapor Density: Not Applicable
Pour Density: 0.53g/cc
Tap Density: 0.72g/cc

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Not Classified
Extinguishing Media: Dry chemicals, CO2, water spray
Special Fire Fighting Procedures: Use flooding quantities of water, well after fire is out
Unusual Fire & Explosion Hazards: None

Flash Point: Not Applicable

SECTION V - HEALTH HAZARD DATA

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

Ingestion: Adverse health effects due to ingestion are not anticipated. If gastric irritation or discomfort persists, seek medical attention.

Eye Contact: Flush with cold water, if irritation persists seek medical attention

Skin Contact: Wash with soap and warm water

Inhalation: If dusts of this product are inhaled, mild irritation of the nose and upper respiratory system may develop. Symptoms of such overexposure may include sneezing, coughing, and nasal congestion. These symptoms are generally alleviated after overexposure ends.

SECTION VI - REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Not expected to decompose under normal conditions

Incompatibility: Chlorine, fuming nitric acid and strong oxidizing agents

Conditions To Avoid: Avoid contact with strong oxidizers, extreme heat

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Recover material and place in suitable container

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

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Avoid accumulation of dust in enclosed space. For conditions of use where exposure to the dust is apparent, a NIOSH approved dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary.

Ventilation: Use in a well-ventilated area

Protective Gloves: If deemed necessary wear protective gloves

Eye Protection: Safety glasses may be worn

Other Protective Equipment: None

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Avoid dusting and extreme heat.

Other Precautions: Practice reasonable care and caution

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