

Material Safety Data Sheet

XIM Advanced Technology UMA Aerosol # 1105

Complies with OSHA's Hazard Communication Standard 29CFR 1910.1200 Sheet)

Quick Identifier, Common Name: (Used on Label and Data

SECTION 1: PRODUCT IDENTIFICATION

Manufacturer's Name: XIM Products, Inc.
1169 Bassett Road
Westlake, Ohio 44145

Date Prepared: 01/10/05
Update: 01/10/05
Product Class: Modified Acrylic

Prepared By: M.Jarufe

Emergency Calls: (800) 424-9300
Information Calls: (440) 871-4737

H.M.I.S. Health 2
Flammability 4
Reactivity 0

SECTION 2: INGREDIENTS

INGREDIENT	CAS NO.	OSHA PEL		ACGIH TLV		OTHER
		TWA	STEL	TWA	STEL	
Dimethyl Ether	115-10-6	1000 ppm		1000 ppm		
N-Butyl Alcohol	71-36-3	50 ppm		50 ppm		

Section 313 Notification per 40 CFR 372

DOT INFORMATION: 39 CONSUMER COMMODITY, ORM-D

SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Liquid
Boiling Range: 118-171 deg C
Vapor Density: > 1.0 (Air = 1)
Evaporation Rate: < 1.0 (N-Butyl Acetate = 1)
Weight per Gallon: 7.49 lb/gal
Solubility in Water: Infinitely
Percent VOC: 76.5 % by Weight

Appearance and Odor: White color liquid, solvent odor
Vapor Pressure: 50-60 PSIG @ 20 ° C
MIR: 1.4

SECTION 4: FIRE AND EXPLOSION DATA

Flash Point: -25 deg. F
Flammability Limits: LEL - 0.9% UEL - 12.8 %
Extinguishing media: Dry chemical, CO2, Foam
Flammability Class: DOT: ORM-D OSHA: 1B

Special Fire Fighting Procedures: Use full protective equipment including self-contained breathing apparatus to avoid inhalation of vapors. Use water spray only to keep down vapors or cool closed containers to prevent build-up of pressure. If water is used, fog nozzles are preferred.

Unusual Fire and Explosion Hazards: Contents are under pressure. Do not use or store near sources of heat, sparks or open flame. Keep away from any source of heat such as sunlight, heaters or stoves that could cause the container to burst. Do not puncture or incinerate. Do not crush or place in a garbage compactor. Do not store above 120° F. Aerosol containers may explode when exposed to extreme heat. Product vapors are heavier than air and may travel a long distance to a source of ignition and flash back.

SECTION 5: HEALTH HAZARD DATA**XIM Advanced Technology UMA Aerosol #1105**

Routes of Entry: Inhalation, Skin Contact, Eye Contact from Liquid and vapors, Ingestion.**Effects of Overexposure:****Inhalation - ACUTE:** Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation. Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death.**Inhalation - CHRONIC:** Chronic exposure to solvents has been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.**Eye contact:** May cause eye irritation.**Skin contact:** Repeated or prolonged skin contact can result in dry, defatted and cracked skin causing increased susceptibility to infection.**Ingestion:** Ingestion can result in irritation in the mouth, stomach tissue and digestive tract. Symptoms can include sore throat, abdominal pain, nausea, vomiting and diarrhea. Vomiting may cause aspiration resulting in chemical pneumonitis.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Heart Disease, Respiratory Disorders.**EMERGENCY AND FIRST AID PROCEDURES:****Eyes:** Flush eyes with clean water for at least 15 minutes. Obtain medical attention.**Skin:** Remove contaminated clothing immediately. Wash affected areas thoroughly with soap and water. Obtain medical attention if irritation develops or persists.**Inhalation:** Remove from exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.**Ingestion:** DO NOT INDUCE VOMITING. Consult a physician immediately

SECTION 6: REACTIVITY DATA

Stability: This material is stable.**Materials to avoid:** Strong oxidizing agents**Hazardous Polymerization:** Will not occur.**Decomposition Products:** By high heat and fire: CO₂, CO and other toxic vapors and mist.

SECTION 7: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions for handling and storage: Keep away from fire, sparks, high temperatures and open flame. Store at temperatures below 120° F. **DO NOT SMOKE WHILE SPRAYING OR HANDLING!****Other precautions:** Use explosion proof ventilation as required to control vapor concentrations. When spraying more than one-half can continuously or more than one can consecutively, use NIOSH approved respirator. Remove all sources of heat, sparks, flame and ignition.**Steps to take in case of spills:** Use absorbent sweeping compound to soak up material.**Waste Disposal Method:** Put into containers to dispose as hazardous waste in accordance with EPA, FEDERAL, STATE and local regulations.**For further information,** contact the United States Environmental Protection Agency RCRA hotline (800-242-9342).

SECTION 8: SPECIAL PROTECTION/SAFE HANDLING INFORMATION

Special Sensitivity: **INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THIS PRODUCT CAN BE HARMFUL OR FATAL.****Handling and Storage:** Store the container in a cool dry area. Ventilation should be suitable for storing materials as in Section 2. **STORE OUT OF THE REACH OF CHILDREN.****Respiratory Protection:** Use NIOSH /MSHA TC23c RESPIRATOR. Use self-contained breathing apparatus when area has restricted ventilation and/or vapor concentration is above TLV limit.**Ventilation:** Use sufficient ventilation, in volume and pattern, to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.**Protective Gloves:** Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.**Eye Protection:** Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.**NOTE:** Read MSDS completely before use and follow all label instructions.