

STK. No. - BLAR

TEMPIL°, INC.

2901 Hamilton Blvd.
South Plainfield, NJ 07080
PHONE: 908-757-8300

MATERIAL SAFETY DATA SHEET

MSDS NO: BLOXIDE AEROSOL
DATE: August 23, 1999

EMERGENCY NO: 800-424-9300

FAX: 908-757-9273

SECTION 1 MATERIAL IDENTIFICATION

PRODUCT NAME: **BLOXIDE AEROSOL**
GENERIC NAME OR FAMILY: N/A
SHIPPING NAMES: DOT: Flammable gas

HAZARDOUS COMPONENTS OF MIXTURE	WEIGHT %	OSHA PEL (PPM)	ACGIH TLV (PPM)	CAS Number
Xylene	45	100PPM	100PPM	1330-20-7
Aluminum Flake	10	15mg/m ³	10mg/m ³	7429-90-5
N-Butane	10	800PPM	800PPM	106-97-8
Propane	20	1000PPM	N.A.	74-98-6
V.M. &P Naphtha	15	300PPM	300PPM	64742-48-9
Non-hazardous ingredients	10			

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemical (s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of CFR 372:

Chemical Name	% less than	CAS Number
Xylene	45	1330-20-7
Aluminum Flake	10	7429-90-5

SECTION 2 PHYSICAL DATA

BOILING POINT (°F): 31-279	SPECIFIC GRAVITY (H ₂ O = 1): less than 1
VAPOR PRESSURE (mm Hg.): Unknown	PERCENT VOLATILE BY VOLUME (%): 90-91
VAPOR DENSITY (AIR =1): Heavier than air	EVAPORATION RATE (N-Butyl Acetate = 1) : Unknown
SOLUBILITY IN WATER: Unknown	VOLATILE ORGANIC COMPOUNDS (VOC) : typically 6.1 lbs/gal
APPEARANCE AND ODOR: Opaque liquid- solvent odor	

SECTION 3 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method): less than 25°F (T.C.C.)	FLAMMABLE LIMITS	<u>LOWER</u> 0.9	<u>UPPER</u> 9.5
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EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water spray should not be used except to keep down vapors or cool containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Do not use or store near source of heat. Heat could cause container to burst. Do not puncture or incinerate. Do not crush in garbage compactor. Vapors are heavier than air and may travel to source of ignition and flash back.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY: Stable CONDITIONS TO AVOID: Avoid contact with heat, sparks and open flame.

Incompatibility (Materials to Avoid): Strong oxidizing agents, halogenated hydrocarbons, acids and caustic solutions.

Hazardous Decomposition Products: Thermal decomposition may produce carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID: See above.

SECTION 5 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): Wear NIOSH approved respirator if exposure exceeds limits listed in Section 1.

Protective Gloves: Solvent resistant for prolonged contact. Eye Protection: Splash goggles

VENTILATION TO BE USED Local Exhaust- Sufficient to maintain exposure below Mechanical(general) limits listed in Section 1.

Other Protective Clothing & Equipment: Splash apron if necessary.

Hygienic Work Practices: Avoid skin contact with product. Do not smoke while using product. Wash hands before eating or smoking.

SECTION 6 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY Inhalation Skin Absorption

HEALTH HAZARDS Acute: Contact may cause eye and skin irritation. Inhalation may cause dizziness, headache, and breathing difficulty.
Chronic: Reports have associated chronic overexposure to solvents with permanent brain and nervous system damage.

Signs & Symptoms of Exposure: Dizziness, drowsiness, confusion, headache, respiratory irritation.

Target Organ Information: Gross overexposure may affect the heart, brain and central nervous system.

EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact: Flush with large quantities of water for 15 minutes.	Skin Contact: Wash area thoroughly with soap and water.
Inhalation: Remove to fresh air. If breathing is difficult, obtain medical attention.	Ingestion: Obtain immediate medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material Is Spilled or Released: Remove all possible sources of ignition. Ventilate area. Remove with inert absorbent material and non-sparking tools.

Waste Disposal Methods: Follow all Federal, State and local regulations concerning health and environment.

Precaution to be taken in Handling & Storage: Store in cool, dry well ventilated area. Avoid sources of heat and ignition.

HMIS rating: 0= Minimal hazard 1= Slight hazard 2= Moderate hazard 3= Serious hazard 4= Severe hazard

Health: 2 Flammability: 4 Reactivity: 0

This information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.