# ALUMINUM ISOPROPOXIDE CAS # 555317

A Special Carcinogen E Dermal Hazard I Neurotoxin

B Human Terato\Repro Haz F Corrosive J Suspect Carcinogen

C Highly Toxic G Eye Damage K Suspect Terato\Repro Haz

D Inhalation Hazard H STEL L Sensitizers

HAZARD INDEX . . . . . . . . . . . .

NFPA HAZARD CODES (H,F,R,O) 0 2 0

ACUTE TOXICTY RISK INDEX 1.6 - LD50 11300.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be

irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Flammable

FLASH POINT 61 °F

Forms ignitable mixtures in air at room temperature - Danger of remote

ignition and flashback

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE

INCOMPATIBILITIES:Strong oxidizing agents.

FIRE EXTINGUISHER: Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Aluminum oxide

REACTIVE PROPERTIES

HANDLING: Avoid contact with eyes, skin, and clothing. Avoid breathing

dust. Avoid prolonged or repeated exposure. STORAGE: Keep container closed.

Keep away from heat, sparks, and open flame\. SPECIAL REQUIREMENTS Moisture

sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: F

Indication of Danger: Highly Flammable.

R: 11

Risk Statements: Highly flammable.

S: 8 16

Safety Statements: Keep container dry. Keep away from sources of

ignition - no smoking.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 15.1 mg/m3

DOE Short Term Exposure Limit 45.4 mg/m3

DOE Ceiling Limit 75.7 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3ALUMINUM ISOPROPOXIDE

The information presented in the OPMSDS is intended as a synopsis of relative hazard characteristics for this chemical, for application within the UMass-Boston Chem/XL Laboratory Program. This information is derived from a wide range of sources documented in that program. While these sources are considered credible, the user is cautioned that the university cannot guarantee the accuracy nor accept responsibility for damages which may arise from errors, omissions, or the use of this information in any context other than intended. The user is strongly encouraged to seek additional information whenever feasible.