# GLYCIDOXYPROPYLTRIMETHOXYSILANE (3-) CAS # 2530838

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 1 0

ACUTE TOXICTY RISK INDEX 1.8 - LD50 8030.0 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

Material may form a siloxane polymer on the skin, eyes, or in

the lungs. In the event of direct contact of the liquid with

these tissues, seek medical attention. To the best of our

knowledge, the chemical, physical, and toxicological properties

have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Ccombustible

FLASH POINT 275 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Acids, Bases, Oxidizing agents.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Silicon oxide

REACTIVE PROPERTIES

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

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 150 mg/m3

DOE Short Term Exposure Limit 400 mg/m3

DOE Ceiling Limit 500 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3

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.