

## M A T E R I A L   S A F E T Y   D A T A   S H E E T

PRODUCT NAME: QUICK GLAZE RETARDER  
 PRODUCT CODE: QGRET

HMIS CODES: H F R P  
 1\*2 0

## ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: MULTI-TECH PRODUCTS CORPORATION

ADDRESS : 41519 CHERRY STREET  
 MURRIETA, CA 92562

EMERGENCY PHONE (CHEMTREC) : (800) 424-9300      DATE PRINTED : 10/01/2010  
 INFORMATION PHONE : (951) 834-9066      NAME OF PREPARER :

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE	
		mmHG	@TEMP (F)
ETHYL-3-ETHOXYPROPIONATE	763-69-9	1.1	68

OSHA PEL: N/E, ACGIH TLV: 50 ppm

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

## ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE (Deg F): 165      DENSITY: 7.91 lb/gal  
 VAPOR DENSITY: HEAVIER THAN AIR      SPECIFIC GRAVITY (H2O=1): .95  
 MATERIAL V.O.C.: 7.91 lb/gal      MATERIAL V.O.C.: 948 g/l  
 SOLUBILITY IN WATER: Soluble      EVAPORATION RATE: SLOWER THAN ETHER  
 V.O.C. COMPOSITE VAPOR PRESSURE: 1.1 mmHg @ 68 Deg F  
 APPEARANCE AND ODOR: Colorless liquid with mild ester odor.

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT (Deg F): 136      METHOD USED: TCC  
 FLAMMABLE LIMITS IN AIR BY % VOLUME- LOWER: 1      UPPER: 0

EXTINGUISHING MEDIA: ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

## SPECIAL FIREFIGHTING PROCEDURES

COMBUSTIBLE! Use approved self-contained breathing apparatus. Do not use direct stream of water.

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Fire-exposed containers should be cooled with water to prevent pressure build-up which could result in container rupture.

## ===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

## CONDITIONS TO AVOID

Avoid heat, sparks and open flame

## INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents

## HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may yield carbon dioxide and/or carbon monoxide.

## HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## ===== SECTION VI - HEALTH HAZARD DATA =====

## INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation: May cause CNS depression.

## SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin and eye contact: May cause irritation to both.

## SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption: May cause irritation.

## INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion: May cause CNS depression.

## HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: May cause irritation to nose, eyes and skin. May also cause CNS (central nervous system) depression which may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness and death may occur. Chronic: Prolonged or repeated contact may result in dermatitis and damage to central nervous system, liver and kidneys.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing eye, skin and respiratory disorders may be aggravated.

## EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. SPLASH (EYES): FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SPLASH (SKIN): WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION IMMEDIATELY.

## ===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

REMOVE ALL SOURCES OF IGNITION AND PROVIDE VENTILATION. LARGE SPILLS MAY BE PUMPED TO SALVAGE VESSELS. SMALL SPILLS MAY BE PICKED UP WITH AN ABSORBENT MATERIAL.

#### WASTE DISPOSAL METHOD

Place in tightly closed containers and dispose of in accordance with local, state and federal regulations.

#### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks and open flames. Keep containers closed when not in use. Use with adequate ventilation.

#### OTHER PRECAUTIONS

Do not take internally. Ground equipment to prevent accumulation of static charge. Do not cut, weld, drill or grind on or near containers.

### ===== SECTION VIII - CONTROL MEASURES =====

#### RESPIRATORY PROTECTION

Use self-contained breathing apparatus where vapor concentration may be above TLV limits. Where vapor does not exceed TLV limits, use NIOSH/MSHA approved respirator.

#### VENTILATION

Use explosion-proof ventilation as required to control vapor concentrations.

#### PROTECTIVE GLOVES

Chemical resistant gloves

#### EYE PROTECTION

Safety glasses, splash goggles or face shield. Contact lenses should not be worn.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Safety showers and eyewash stations should be provided.

#### WORK/HYGIENIC PRACTICES

Wash hands thoroughly before eating or using the washroom. Smoke in smoking areas only.

### ===== SECTION IX - REGULATORY INFORMATION =====

#### CALIFORNIA PROPOSITION 65

None

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===== SECTION X - DISCLAIMER =====

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