

# MATERIAL SAFETY DATA SHEET

## QUANTUM Fabric Protectant (Water Base)

### SECTION V – HEALTH HAZARD DATA

EYES .....	Flush eyes with cool water for 15 minutes. Get medical attention if eye irritation develops or persists.
SKIN .....	Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and shoes.
BREATHING .....	Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or toxic symptoms are observed, get medical attention.
INGESTION .....	If ingested, vomiting will occur. DO NOT INDUCE VOMITING, drink 2 glasses of water and call a physician immediately, keep head below hips to prevent aspiration into the lungs.

### SECTION VI – REACTIVITY DATA

Chemical Stability .....	Stable
Conditions to Avoid .....	Overheating, Freezing
Incompatibility .....	Oxidizers, metal chlorides and acids
Thermal Decomposition .....	May produce HF
Polymerization .....	May not occur

### SECTION VII – SPILL OR LEAK PROCEDURES

FOR SPILL .....	Contain spill and ventilate area. Soak up spill with sawdust, sand, oil dry or other absorbent material.
WASTE DISPOSAL METHOD .....	Consult state, local and federal regulations for proper approved disposal procedures.

### SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION .....	Use NIOSH-approved self-contained breathing apparatus and complete protective clothing when fighting fires involving chemicals.
VENTILATION .....	Use local exhaust ventilation to control mists or vapors.
EYE PROTECTION.....	Safety glasses. If potential for splash exists, wear chemical goggles or face shield.
GLOVES PROTECTION .....	Neoprene or rubber.
CLOTHING RECOMMEDATION .....	N/A

### SECTION IX – HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING AND STORAGE .....	Keep containers closed when not in use. Keep containers in well ventilated space at temperatures below 120 Deg F.
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### SECTION X – GENERAL INFORMATION

We believe that the information contained herein is current as of the date of the Material Safety Data Sheet. Although it is probable that this mixture itself has not been tested as to what hazards may be present; OSHA Section 1910.1200 has been applied. This states that if one or more hazardous components are present at a level of 1.0 % (or greater, then the mixture is presumed to have all the health hazards of components. Since the use of the product is not within the control of CHEM ETCH Manufacturing, Inc., it is the users obligation to determine the conditions of safe use of the product.

# MATERIAL SAFETY DATA SHEET

## QUANTUM Fabric Protectant (Water Base)

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets before attempting to use the material. You must also provide this information to those people at your company whose responsibility it is to comply with Federal and State "Right to Know" regulations. Also make sure this information is made available and is disseminated to your employees before use of the product. This information should be kept on file and made available to any employee who requests it. It is your obligation to comply with the act.

### SECTION 1 - IDENTIFICATION

Manufacturer's Name ..... CHEM ETCH Manufacturing, Inc.  
Address (Street, City, State, Zip) ..... 2605 Mc Kinney, Houston, Texas 77003  
Company Phone Number ..... (832) 606-0290  
Emergency Phone Number ..... 1-800-262-8200  
Chemical Name (Synonym) ..... Perfluoroalkyl Acrylate Emulsion  
Trade Name (Synonym) ..... QUANTUM Fabric Protectant (Water Base)  
Date ..... October 1, 2006

### SECTION II - HAZARDOUS INGREDIENTS

**HEALTH**  
**1**

**FLAMMABILITY**  
**0**

**REACTIVITY**  
**0**

**INGREDIENT**

Dipropylene glycol monomethylether

**CAS NO.**

34590-94-8

**OSHA PEL**

**ACGIH TLV**

### SECTION III - PHYSICAL DATA (Typical)

Boiling Point ..... 208 Deg C  
Vapor Density ..... N.D.  
Solubility in Water ..... Miscible  
Specific Gravity ..... 1.10  
Percent Volatiles by Weight ..... 70  
Appearance & Odor ..... Off-white milky liquid, sweetish odor  
Vapor Pressure ..... N.D.

### SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point ..... Does Not Flash  
Flammable Limits ..... N.D.  
Extinguishing Media ..... All Conventional Extinguishers.  
Special Fire Fighting Procedures ... None  
Unusual Fire Fighting Hazards ..... Non-Flammable!  
Explosion Data ..... Material does not have explosive properties.

# MATERIAL SAFETY DATA SHEET

## QUANTUM Leather/Vinyl Preserver

### SECTION V – HEALTH HAZARD DATA

EYES ..... Flush eyes with cool water for 15 minutes. Get medical attention if eye irritation develops or persists.

SKIN ..... Wash with soap and water. Get medical attention if irritation persists.

BREATHING ..... Remove exposed person to fresh air if adverse effects are observed. If breathing is labored, administer oxygen. If breathing has stopped, apply artificial respiration. If irritation persists or toxic symptoms are observed, get medical attention.

INGESTION ..... May cause mild gastrointestinal irritation, vomiting, diarrhea. Seek medical attention immediately.

### SECTION VI – REACTIVITY DATA

Chemical Stability ..... Stable

Incompatibility ..... N/A

Thermal Decomposition ..... N/A

Polymerization ..... Will not occur

### SECTION VII – SPILL OR LEAK PROCEDURES

FOR SPILL ..... Absorb large spills on suitable inert binder (earth, sand, etc.). Place absorbent into suitable well marked waste container. Do not wash into sewer or contaminate soil, ground water, or surface water.

WASTE DISPOSAL METHOD .... Consult state, local and federal regulations for proper approved disposal procedures.

### SECTION VIII – PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION ..... None Required

VENTILATION ..... Use local exhaust ventilation to control mists or vapors.

EYE PROTECTION..... Safety glasses. If potential for splash exists, wear chemical goggles or face shield.

GLOVES PROTECTION ..... Rubber or plastic gloves

CLOTHING RECOMMEDATION .. N/A

### SECTION IX – HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING AND STORAGE ..... N/A

### SECTION X – GENERAL INFORMATION

We believe that the information contained herein is current as of the date of the Material Safety Data Sheet. Although it is probable that this mixture itself has not been tested as to what hazards may be present; OSHA Section 1910.1200 has been applied. This states that if one or more hazardous components are present at a level of 1.0 % (or greater, then the mixture is presumed to have all the health hazards of components. Since the use of the product is not within the control of CHEM ETCH Manufacturing, Inc., it is the users obligation to determine the conditions of safe use of the product.

# MATERIAL SAFETY DATA SHEET

## QUANTUM Leather/Vinyl Preserver

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this material. Please read the information on these sheets before attempting to use the material. You must also provide this information to those people at your company whose responsibility it is to comply with Federal and State "Right to Know" regulations. Also make sure this information is made available and is disseminated to your employees before use of the product. This information should be kept on file and made available to any employee who request it. It is your obligation to comply with the act.

### SECTION 1 - IDENTIFICATION

Manufacturer's Name ..... CHEM ETCH Manufacturing, Inc.  
 Address (Street, City, State, Zip) ..... 2605 Mc Kinney, Houston, Texas 77003  
 Company Phone Number ..... (832) 606.0290  
 Emergency Phone Number ..... 1.800.262.8200  
 Chemical Name (Synonym) ..... Cleaning Compound  
 Trade Name (Synonym) ..... QUANTUM Leather/Vinyl Preserver  
 Date ..... October 1, 2006

### SECTION II – HAZARDOUS INGREDIENTS

HEALTH <b>1</b>	FLAMMABILITY <b>0</b>	REACTIVITY <b>0</b>
<u>INGREDIENT</u>	<u>CASE NO.</u>	<u>TLV UNITS</u>
Polydimethylsiloxane	63148-62-9	N/A
	<u>PEL/OSHA</u>	

### SECTION III – PHYSICAL DATA (Typical)

Boiling Point ..... N/A  
 Vapor Density ..... N/A  
 Solubility in Water ..... 80%  
 Specific Gravity ..... 1  
 Percent Volatiles by weight ..... 95  
 Appearance & Odor ..... White thick liquid  
 Vapor Pressure ..... N/A  
 Freezing Point ..... N/A  
 Ionic Nature ..... Yes

### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point ..... None  
 Flammable Limits ..... N/A  
 Extinguishing Media ..... Any  
 Special Fire Fighting Procedures ..... None  
 Unusual Fire Fighting Hazards ..... N/A  
 Explosion Data ..... Material does not have explosive properties.

EYE IRRITATION (RABBITS): Not established  
SKIN IRRITATION (RABBITS): Not established  
CHRONIC TOXICOLOGY (SUMMARY)-Prolonged repeated skin contact may cause skin irritation and/or dermatitis.

### SECTION XII ECOLOGICAL INFORMATION

ECOTOXICITY: Not established.  
MOBILITY: Not established.  
PERSISTENCE AND DEGRADABILITY: Not established.  
BIOACCUMULATIVE POTENTIAL: Not established.

### SECTION XII DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning for fuel value in compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.  
RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosives, or reactivity. The unused product is not formulated with substances covered by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

### SECTION XIV TRANSPORT INFORMATION

USA DOT SHIPPING NAME: Petroleum Oil  
HAZARD CLASS & DIV: COMBUSTIBLE LIQUID  
PACKING GROUP: PG III  
DANGEROUS WHEN WET: No  
POISON: No  
PLACARD(s): Combustible  
PRODUCT RQ: NA

### SUPPLEMENTAL STATE COMPLIANCE INFORMATION

#### California

Warning: this product contains the following chemical(s) listed by the State of California under *The Safe Drinking Water and Toxic Enforcement Act of 1986 ( Proposition 65)* as being known to cause cancer, birth defects or other reproductive harm.  
None Known

This product is manufactured in compliance with the *Regulation for Reducing Volatile Organic Emissions from Consumer Products for the State of California*. QUANTUM MOLECULAR PAINT SEALANT is an automotive wax, polish, sealant, or glaze as defined in subchapter 8.5 under article 2, 94508 definitions. QUANTUM MOLECULAR PAINT SEALANT does not exceed the maximum percent of volatile organic compound by weight listed as 15% under article 2, 94509 standards for consumer products.

**PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:**

**LAND SPILL:** Eliminate sources of ignition. Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping using explosion-proof equipment or contain spilled liquid with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.

**WATER SPILL:** Eliminate sources of ignition and warn other ships in the vicinity to stay clear. Notify port and other relevant authorities. Confine with booms if skimming equipment is available to recover the spill. Otherwise disperse in unconfined waters, if permitted by local authorities and environmental agencies. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.

**ENVIRONMENTAL PRECAUTIONS:** Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.

**PERSONAL PRECAUTIONS:** See Section 8

**SECTION VII HANDLING AND STORAGE**

**HANDLING:** Keep product away from high energy ignition sources, heat, sparks, pilot lights, static electricity, and open flame. Avoid inhalation of vapors or mists. Use in well ventilated area away from all ignition sources. Do not fill container in or on a vehicle. Static electricity may ignite vapors and cause fire. Place container on ground when filling and keep nozzle in contact with container. See Section 8 for additional personal protection advice when handling this product.

**STORAGE:** Store in a cool area. Small containers of approved design, properly sealed and labeled, should be stored in well ventilated surroundings and kept out of reach of children. Eliminate all sources of ignition from the storage and handling area. Protect against direct sunlight.

**SPECIAL PRECAUTIONS:** To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system. Do not use electronic devices (including but not limited to cellular phones, computers, calculators, pagers, etc.) in or around any fueling operation or storage area unless the devices are certified intrinsically safe by an approved national testing agency and to the safety standards required by national and/or local laws and regulations. Electrical equipment and fittings must comply with local fire prevention regulations for this class of product. Use the correct grounding procedures. Refer to national or local regulations covering safety at petroleum handling and storage areas for this product.

**EMPTY CONTAINER WARNING:** Empty containers retain residue (liquid and/or vapor) and can be dangerous. **DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

**SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION**

**VENTILATION:** Use in well ventilated area with local exhaust ventilation.

**RESPIRATORY PROTECTION:** Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

**EYE PROTECTION:** If splash with liquid is possible, chemical type goggles should be worn.

**SKIN PROTECTION:** Impervious gloves should be worn. Good personal hygiene practices should always be followed.

**SECTION IX PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Liquid

**COLOR:** Clear, Colorless

**ODOR:** Mild Hydrocarbon

**ODOR THRESHOLD-ppm:** NE

**pH:** NA

**SECTION X STABILITY AND REACTIVITY**

**STABILITY (THERMAL, LIGHT, ETC.):** Stable.

**CONDITIONS TO AVOID:** Heat, sparks, flame and build up of static electricity.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Product does not decompose at ambient temperatures.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION XI TOXICOLOGICAL DATA**

**ORAL TOXICITY (RATS):** Not established

**DERMAL TOXICITY (RABBITS):** Not established

**INHALATION TOXICITY (RATS):** Not established

# MATERIAL SAFETY DATA SHEET

## QUANTUM MOLECULAR PAINT SEALANT

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### SECTION I IDENTIFICATION

Manufacturer's Name ..... Chem Etch Manufacturing Inc.  
Address (Street, City, State, Zip) ..... P.O. Box 924231, Houston, Texas 77292  
Company Phone Number ..... (832) 606-0290  
Emergency Phone Number ..... (713) 225-1767  
Chemical Name (Synonym) ..... QUANTUM MOLECULAR PAINT SEALANT  
Trade Name (Synonym) ..... PAINT SEALANT  
Date ..... November 6, 2006

### SECTION II HAZARDOUS INGREDIENTS

<b>HEALTH</b>	<b>FLAMMABILITY</b>	<b>REACTIVITY</b>		
<b>1</b>	<b>2</b>	<b>0</b>		
<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>PERCENT</u>
Voc Compliant Solvent	64742-47-8	100 ppm	100 ppm	> 20
Proprietary Components	N/A	N/A	N/A	< 80

### SECTION III PHYSICAL DATA (Typical)

Boiling Point ..... 420– 465 Deg F  
Vapor Density ..... 4.9 calculated  
Solubility in Water ..... Not Determined  
Specific Gravity ..... 0.80  
Percent Volatiles by Weight ..... Not Determined  
Appearance & Odor ..... Clear liquid with slight petroleum odor.  
Vapor Pressure ..... Not Determined

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point ..... 155 Deg F, (Closed Cup)  
Flammable Limits ..... N.D.  
Extinguishing Media ..... Use Foam, dry chemical, carbon dioxide, water may be ineffective.  
Special Fire Fighting Procedures ..... None  
Unusual Fire Fighting Hazards ..... Heating above 395 Deg F in a fire situation may cause toxic decomposition.  
Explosion Data ..... Material does not have explosive properties.

### SECTION V FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Carbon dioxide, foam, dry chemical and water fog.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Water should be used to keep fire-exposed containers cool. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. This liquid is volatile and gives off invisible vapors. Either the liquid or the vapor may settle in low areas or travel some distance along the ground or surface to ignition sources, where they may ignite or explode.  
**SPECIAL PROTECTIVE EQUIPMENT:** For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material is combustible. Liquid can release vapors that readily form flammable mixtures at or above the flash point. Product can accumulate a static charge which may cause a fire or explosion.  
**COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, water.

### SECTION VI ACCIDENTAL RELEASE MEASURES

**NOTIFICATION PROCEDURES:** Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800) 424-8802.