
MATERIAL SAFETY DATA SHEET

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PROTECTALL™ PRODUCT NAME: FABRIC SHIELD

HMIS: Health 1 Flammability 0

Reactivity 0

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Thetapel AM-5010

MANUFACTURER:

Innovative Chemical Technologies, Inc.
103 Walnut Grove Road
Cartersville, GA 30120
Telephone: 770-607-9340
Fax: 770-607-9341

EMERGENCIES: (770) 607-9340 M-F 8:00 AM-5:30 PM EST

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

COMPONENTS CAS NUMBER % TLV

Water 7732-18-5 87-89 None

Perfluoroalkyl acrylic polymers Proprietary 10-12 None

Emulsifier Proprietary 1-2 None

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION! Prolonged or repeated contact with eyes or skin may cause mild irritation.

Inhalation of large amounts of heated vapors or mist may be harmful.

IMMEDIATE HEALTH EFFECTS

Eyes: Direct contact of liquid or mists may cause eye irritation

Skin: Overexposure may cause defatting and mild irritation.

Ingestion: Swallowing large amounts may be harmful.

Inhalation: Short term inhalation of vapors is not likely to cause harmful effects. Breathing large amounts of vapor or mist may cause irritation of the nose, throat, or respiratory tract. Breathing large amounts of mist may result in pneumonitis or pulmonary edema.

PRIMARY ROUTES OF ENTRY: Eye contact, skin contact. Significant ingestion is not expected to during professional/industrial use.

Inhalation may be a concern if sprayed or heated during processing or use.

HAZARDS IDENTIFICATION CONT'D

SIGNS/SYMPTOMS OF OVEREXPOSURE:

Eyes:

Swelling, tearing, redness itching or burning

Skin:

Swelling, itching, burning, tingling or redness.

Inhalation:

Coughing, shortness of breath, dizziness, itching or burning in the mouth, nose, chest, or throat.

Ingestion:

Nausea, vomiting, upset stomach.

TARGET ORGAN EFFECTS: None known

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data available.

CARCINOGENIC INFORMATION: No IARC, NTP, or ACGIH carcinogens present at >0.1%

LONG TERM EFFECTS: No data available.

SECTION 4 FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN: If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

INHALATION: If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

INGESTION: Give 8 to 16 ounces of water or milk to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT (° Fahrenheit): None (aqueous)

EXPLOSIVE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: None (aqueous)

HAZARDOUS PRODUCTS OF COMBUSTION: In case of fire or extreme heat, the following may be produced: oxides of carbon, phosphorus, and toxic products such as hydrogen fluoride and other fluorinated or phosphorylated organic compounds.

EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical powder or carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers from rupturing.

FIRE FIGHTING MEASURES CON'T

NFPA RATINGS: Health: 1, Flammability: 0, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: For small spills, soak up material with an absorbent such as clay, sand, or other suitable material. Properly dispose of contaminated product, absorbents, and rinsates.

LARGE SPILL: Wear protective clothing as appropriate. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Properly dispose of contaminated product, absorbents, and rinsates.

SECTION 7 HANDLING AND STORAGE

HANDLING: Handle and open containers with care. Keep containers closed whenever possible to prevent contamination.

STORAGE: Store in a cool, well ventilated place away from incompatible materials or excessive heat. Protect material from direct sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety goggles are recommended if splashing is possible. Consult your safety contact for help selecting appropriate eye protection.

SKIN PROTECTION: Impervious gloves recommended. Minimize skin contact.

RESPIRATORY PROTECTION: Use in areas with good general ventilation.

For spray applications, use a coarse spray device such as a trigger sprayer with particle size production greater than 15 microns. Use only low pressure (less than 60 psi) sprayer. DO NOT aerosolize or atomize. Suitable ventilation must be used during application.

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation in areas where the product may be heated or sprayed.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: hazy yellow liquid

pH: Approximately 5

VAPOR PRESSURE: similar to water

VAPOR DENSITY: similar to water

BOILING POINT: approximately 212°F

PHYSICAL AND CHEMICAL PROPERTIES CON'T

DENSITY: Approximately 1.04

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None with proper storing and handling.

MATERIALS TO AVOID: strong oxidizing or reducing materials.

HAZARDOUS DECOMPOSITION: Under extremely high temperatures the following may be produced: oxides of carbon, phosphorus, and toxic products such as hydrogen fluoride and other fluorinated or phosphorylated organic compounds.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

CARCINOGENITY: None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: No data available.

CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: If this product becomes a waste, it may meet one or several criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261, depending upon what it is mixed with. Dispose of in accordance with all applicable federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

All modes:

Proper Shipping Name: Not regulated

Hazard Class: none

Identification Number: none

Packing Group: none

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA Status: All components are listed or otherwise in compliance with notification requirements.

The perfluoroalkyl acrylic polymers in this product are subject to a TSCA section 5(e) consent order between US EPA and the chemicals' manufacturer. The perfluoroalkyl acrylic polymers in this product are subject to export notification under TSCA section 12(b).

CERCLA Reportable Quantities – 40CFR302: Components with known CAS numbers listed as hazardous substances and subject to reporting: None

SARA 302/304 – 40CFR355: Components listed as extremely hazardous substances and known to be present at or above *de minimus* levels as specified in 40 CFR§355.13: None

SARA 311/312 – 40 CFR370: Acute Yes

Chronic No

Fire No

Pressure No

Reactivity No

SARA 313 – 40CFR372: Components listed as reportable and known to be present at or above *de minimus* levels as specified in 40 CFR§372.38(a): None

STATE AND LOCAL REGULATIONS

California Proposition 65: This product may contain the following chemicals known to the State of California to cause cancer or reproductive harm: none

SECTION 16 OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

End of MSDS