



MATERIAL SAFETY DATA SHEET

HMIS RATINGS:

Health 1
Flammability 2
Reactivity 0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ActiPel FP-90

SYNONYMS: Fluoropolymer Emulsion

COMPANY:
Pursuit Materials, LLC
169 Delhagen Ct.
Mahwah, NJ 07430

EMERGENCY PHONE: 201-665-5702
FAX : 201-334-5858

NJ TSRN: 58-2380661-5018

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
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There are no components contained in this material at concentrations above 1% that are considered hazardous under 29CFR1910.1200.

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Physical Properties: Light to medium tan colored aqueous emulsion.
pH = 8.0-9.5

ROUTES OF ENTRY: Eyes, skin contact, inhalation or ingestion.

IMMEDIATE HEALTH EFFECTS

EYES: Exposure may cause irritation to eyes.

SKIN: Prolonged or repeated contact may cause irritation to skin.

INHALATION: Vapor or mist may be harmful.

INGESTION: Single dose oral toxicity is expected to be low. Swallowing large amounts may be harmful.

SIGNS/SYMPTOMS OF OVEREXPOSURE: Irritation to the eyes, nose, throat, skin, and respiratory tract and/or gastrointestinal irritation (nausea, vomiting, diarrhea).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

TARGET ORGAN EFFECTS: Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled repeatedly.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data available.

CHRONIC HEALTH HAZARDS: No data available.

SECTION 3: HAZARDS IDENTIFICATION (continued)

CARCINOGENICITY

OSHA: None **ACGIH:** None **NTP:** : None **IARC:** : None **OTHER:** None

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

SECTION 4: FIRST AID MEASURES

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

SKIN: Remove contaminated clothing. Flush skin with water for at least 15 minutes. If irritation persists, consult a physician.

INGESTION: Give 8 to 16 ounces of water to dilute substance. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If respiratory irritation or breathing difficulty develops, consult a physician.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: No Data Available
(% BY VOLUME) LOWER: No Data Available

FLASH POINT: No flashpoint below boiling point.

AUTOIGNITION TEMPERATURE: No Data Available

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PROTECTION:

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

SPECIAL FIRE FIGHTING PROCEDURES: Keep personnel removed from and upwind of fire. Wear full firefighting turn out gear (full Bunker gear), and self-contained breathing apparatus (SCBA).

HAZARDOUS DECOMPOSITION PRODUCTS: hydrofluoric acid and/or carbonyl difluoride may be generated by thermal decomposition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

SMALL SPILL: For small spills, soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Flush area with water to remove trace residue.

LARGE SPILL: Wear respirator and protective clothing as appropriate. Shut off source of leak if it is safe to do so. Prevent liquid from entering sewers or waterways. 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. Flush area with water to remove trace residue.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Handle and open containers with care. Do not handle or store near an open flame, heat, or other source of ignition. Wear appropriate personal protection gear (see Section 8).

OTHER PRECAUTIONS: Protect from freezing. Perishable if frozen. Store in a cool, well ventilated place away from incompatible materials. Protect material from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

RESPIRATORY PROTECTION: If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). Engineering controls or administrative controls should be implemented to reduce exposure.

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.**

EYE PROTECTION: Wear chemical splash goggles when splashing is possible.

SKIN PROTECTION: Wear neoprene or nitrile rubber gloves. Wear impervious clothing and boots to prevent skin contact

WORK HYGIENIC PRACTICES: Do not eat, drink, smoke while handling product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Light to medium tan colored aqueous emulsion

ODOR: slight ammonia

PHYSICAL STATE: aqueous emulsion

pH AS SUPPLIED: 8.0 -9.5

BOILING POINT: 212° F

VAPOR PRESSURE (mmHg): No Data Available

VAPOR DENSITY (AIR = 1): No Data Available

SOLUBILITY IN WATER: Dispersible

EVAPORATION RATE: (water = 1) approximately 1

DENSITY: 1.12 +/- 0.02 g/mL

PERCENT VOLATILE (by weight): approximately 72 %

PERCENT SOLIDS (by weight): approximately 28%

VOLATILE ORGANIC COMPOUNDS (VOC): < 30 g/L %

SECTION 10: STABILITY AND REACTIVITY

STABLE
X

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Avoid contact with heat. Avoid freezing.

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: In case of fire or extreme heat, the following substances may be produced: toxic fumes of hydrofluoric acid and/or carbonyl difluoride.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): In case of fire or extreme heat, the following substances may be produced: toxic fumes of hydrofluoric acid and/or carbonyl difluoride.

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Skin absorption, eye contact, inhalation, and ingestion.

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

ECOLOGICAL INFORMATION: No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable federal, state, and local regulations.

RCRA HAZARD CLASS: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION – 49CFR172.101

PROPER SHIPPING NAME: Fabric Finish, N.O.S.

DOT Hazardous Class: Non-hazardous, non-regulated

HAZARDOUS COMPONENTS: None

REPORTABLE QUANTITY– 49CFR172.101: Not applicable

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): The intentional components of this product are listed.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS:

California Hazardous Substance List: None

Massachusetts Right to Know: None

New Jersey Right to Know: None

Pennsylvania Right to Know: None

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Prepared by Pursuit Materials, LLC
Rev. Date 11/1/09 (1)

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