



3M MATERIAL SAFETY DATA SHEET Dyneon (TM) FEP X 6301, FEP X6303, FEP X6307, FEP X6309, FEP X6322, FEP X6322 HT
11/22/2002



A 3M Company

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Dyneon (TM) FEP X 6301, FEP X6303, FEP X6307, FEP X6309, FEP X6322, FEP X6322 HT

MANUFACTURER: DYNEON

DIVISION: Dyneon

ADDRESS: 6744 33 St. No.
Oakdale, MN 55128

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 08/10/2004

Supersedes Date: 02/27/2004

Document Group: 08-8092-2

Product Use:

Specific Use Thermoplastic

SECTION 2 - INGREDIENTS

Ingredient	C.A.S. No.	% by Wt
TETRAFLUOROETHYLENE / HEXAFLUOROPROYLENE COPOLYMER	25067-11-2	100

SECTION 3 - HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Granules

Odor, Color, Grade: Transparent, odorless.

General Physical Form: Solid

Immediate health, physical, and environmental hazards: May cause target organ effects.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

During heating:

Vapors from heated material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Thermal Burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

Skin Contact:

During heating:

Thermal Burns: Signs/symptoms may include intense pain, redness and swelling, and tissue destruction.

Inhalation:

During heating:

Polymer Fume Fever: Sign/symptoms may include chest pain or tightness, shortness of breath, cough, malaise, muscle aches, increased heart rate, fever, chills, sweats, nausea and headache.

Vapors from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

If thermal decomposition occurs:,br>

May be absorbed following inhalation and cause target organ effects.

Ingestion:

No health effects are expected.

SECTION 4: FIRST AID MEASURES**4.1 FIRST AID PROCEDURES**

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. If signs/symptoms persist, get medical attention. If eye contact with hot material occurs: DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Immediately flush affected area with plenty of cold water and cover with a clean dressing. Have burn treated by a physician.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention. If skin contact with hot material occurs: DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Immediately flush affected area with plenty of cold water and cover with a clean dressing. Have burn treated by a physician.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: No need for first aid is anticipated.

SECTION 5: FIRE FIGHTING METHODS**5.1 FLAMMABLE PROPERTIES**

Autoignition temperature	Not Applicable
Flash Point	Not Applicable
Flammable Limits - LEL	Not Applicable
Flammable Limits - UEL	Not Applicable

5.2 EXTINGUISHING MEDIA

Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Exposure to extreme heat can give rise to thermal decomposition. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. Collect as much of the spilled material as possible. Use wet sweeping compound or water to avoid dusting. Sweep up. Clean up residue. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Avoid skin contact with hot material. For industrial or professional use only. Store work clothes separately from other clothing, food and tobacco products. No smoking: Smoking while using this product can result in contamination of the tobacco and/or smoke and lead to polymer fume fever caused by the formation of the hazardous decomposition products mentioned in the Reactivity Data section of this MSDS.

7.2 STORAGE

Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation. Provide appropriate local exhaust when product is heated. For those situations where the material might be exposed to extreme overheating due to misuse or equipment failure, use with appropriate local exhaust ventilation sufficient to maintain levels of thermal decomposition products below their exposure guidelines.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields, Indirect Vented Goggles.

8.2.2 Skin Protection

Avoid skin contact with hot material. Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

8.2.3 Respiratory Protection

Avoid breathing of dust.

During heating:

Avoid breathing of vapors.

Use a positive pressure supplied-air respirator if there is a potential for exposure from an uncontrolled release, exposure levels are not known, or under any other circumstances where air-purifying respirators may not provide adequate protection. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half facepiece or fullface air-purifying respirator with N95 particulate filters. Consult the current 3M Respiratory Selection Guide for additional information or call 1-800-243-4630 for 3M technical assistance.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:	Granules
Odor, Color, Grade:	Transparent, odorless.
General Physical Form:	Solid
Autoignition temperature	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits - LEL	<i>Not Applicable</i>
Flammable Limits - UEL	<i>Not Applicable</i>
Boiling point	<i>Not Applicable</i>
Density	2.1 - 2.2 g/cm ³
Vapor Density	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Specific Gravity	2.1 - 2.2 [Ref Std: WATER=1]
pH	<i>Not Applicable</i>
Melting point	240 - 280 oC [Details: CONDITIONS: ASTM D 2116]
Solubility in Water	Nil
Evaporation rate	<i>Not Applicable</i>
Volatile Organic Compounds	<i>Not Applicable</i>
Percent volatile	0 %
VOC Less H₂O & Exempt Solvents	<i>Not Applicable</i>
Viscosity	<i>Not Data Available</i>

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: Alkali and alkaline earth metals; Reactions with metals in powder form occur from 370 degrees C onwards.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Substance	Condition
Carbonyl Fluoride	At Elevated Temperatures
Carbon monoxide	At Elevated Temperatures
Carbon dioxide	At Elevated Temperatures
Hydrogen Fluoride	At Elevated Temperatures
Perfluoroisobutylene (PFIB)	At Elevated Temperatures
Toxic Vapor, Gas, Particulate	At Elevated Temperatures

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Reclaim if feasible. Dispose of waste product in a facility permitted to accept chemical waste. Combustion products will include HCl. Facility must be capable of handling halogenated materials.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION**ID Number(s):**

97-5000-0417-7, 97-5000-0418-5, 97-5000-0419-3, 97-5000-0430-0, 97-5000-0431-8, 97-5000-0492-0, 97-5000-0528-1, 975000-0536-4, 97-5000-0608-1, 97-5000-0689-1, 97-5000-0692-5, 97-5000-0837-6, 97-5000-0843-4, 97-5000-0855-8, 97-50000965-5, 97-5000-0967-1, 97-5000-0971-3, 97-5000-0975-4, 97-5000-1035-6, 97-5000-1036-4, 97-5000-1040-6, 97-5000-1043-0, 97-5000-1044-8, 98-0211-9710-2, 98-0211-9711-0, 98-0213-0506-9, 98-0213-0584-6, 98-0213-0585-3

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION**US FEDERAL REGULATIONS**

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES, All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

The components of this material are in compliance with the new chemical notification requirements for the Korean Existing Chemicals Inventory.

The components of this product are listed on the Australian Inventory of Chemical Substances.

The components of this product are listed on Japan's Chemical Substance Control Law List (also known as the Existing and New Chemical Substances List.)

All the components of this product are listed on China's Inventory of Chemical Substances.

The components of this product are in compliance with notification requirements in the Philippines.

The components of this product are listed on the Canadian Domestic Substances List.

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 1 Flammability: 0 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 1 Flammability: 0 Reactivity: 0 Protection: X - See PPE section.

Hazardous Material Identification System (HMIS(r)) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS(r) ratings are to be used with a fully implemented HMIS(r) program. HMIS(r) is a registered mark of the National Paint and Coatings Association (NPCA).

Revision Changes:

Section 16: NFPA hazard classification heading was modified.

Section 16: HMIS hazard classification heading was modified.

Section 15: 311/312 hazard categories heading was modified.

Section 15: International regulations information was modified.

Section 15: State regulations information was modified.

Section 15: US federal regulations information was modified.

Section 10: Hazardous polymerization heading was modified.

Section 14: ID Number(s) was modified.

Section 16: HMIS explanation was modified.

Section 16: NFPA explanation was modified.

Section 15: Inventories information was modified.

Section 12: Ecotoxicological information heading was modified.

Section 12: Chemical fate information heading was modified.

Section 16: NFPA hazard classification for special hazards was modified.

Section 8: Exposure guidelines information - none - was modified.

Section 12: Ecotoxicological phrase was modified.

Section 12: Chemical Fate phrase was modified.

Section 2: Ingredient phrase was added.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. Dyneon MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Dyneon product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Dyneon product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Dyneon product to determine whether it is fit for a particular purpose and suitable for user's method of use or application

Dyneon provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Dyneon makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from Dyneon.

3M MSDSs are available at www.3M.com



Made in the USA of US and imported parts.

Buy Our Traps, Create US Jobs!

SAFETY DATA SHEET

Section 1, IDENTIFICATION

COMPANY INFORMATION: Web-Cote Industries
141 Wheatsworth Rd.
Hardyston, NJ 07419
Tel: 973-827-2299
Fax: 973-827-0069

PRODUCT IDENTIFIER: UV Stable Pressure Sensitive Adhesive Traps for INSECTS

EMERGENCY TELEPHONE: 973-827-2299

Section 2, HAZARD IDENTIFICATION**EMERGENCY OVERVIEW****PHYSICAL STATE:** Solid**COLOR:** Clear**ODOR:** Negligible**GHS Classification**

Not hazardous

GHS Label element

Not hazardous

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY**EYE:** May cause irritation with temporary redness and stinging and tearing**SKIN:** Skin contact at room temperature is not irritating.**INHALATION:** No hazard in normal industrial use.**INGESTION:** Ingestion is not an anticipated route of exposure, but could cause irritation of upper respiratory system and gastrointestinal disturbance.**LONG-TERM (CHRONIC) HEALTH EFFECTS****TARGET ORGAN(S):** No organs known to be damaged from exposure to this product.**REGULATED CARCINOGEN STATUS:** This product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.**EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE:** No medical conditions affected by exposure.

Section 3, COMPOSITION/INFORMATION ON INGREDIENTS**GENERIC DESCRIPTION:** Styrenic Copolymer Based Formulation**INGREDIENTS:**

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

Section 4, FIRST AID MEASURES**IF IN EYES:** Irritant as a foreign body. Immediately flush eyes with large amounts of water for at least 15 minutes. Do not attempt to remove material. Get immediate medical attention.**IF ON SKIN:** Wash with soap and water. If needed, coat with mineral oil to soften material for removal.**IF SWALLOWED:** Do not induce vomiting. Small amounts are not anticipated to be harmful. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

Section 5, FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA:** water spray, foam, dry chemical or carbon dioxide**AUTOIGNITION TEMPERATURE:** No Data**FLASH POINT:** >400°F**UPPER EXPLOSION LIMITS (%):** Unknown**LOWER EXPLOSION LIMITS (%):** Unknown**NFPA FLAMMABILITY HAZARD CLASS:** N/A**SPECIAL FIREFIGHTING PROCEDURES:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Do not use water on molten adhesive to avoid splattering and spreading of fire**HAZARDOUS COMBUSTION PRODUCTS:** Upon decomposition,

FIRE AND EXPLOSION HAZARD: This product will not ignite under normal situations but can be ignited in the extreme heat associated with a fire. Vapors are lighter than air and should rise, accumulating in overhangs and ceilings. Irritating and potentially harmful vapors may be released in a fire situation.

this product emits carbon monoxide, carbon dioxide, and/or low molecular weight hydrocarbons.

Section 6, ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.

CLEAN-UP: Allow molten material to solidify before disposal.

Section 7, HANDLING AND STORAGE

Store in a cool, dry place. Waste disposal should be in accordance with existing federal, state, and local environmental regulations. Dispose of waste material in sanitary landfill or incinerate in an industrial, commercial or municipal incinerator.

Section 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: None Needed

SKIN PROTECTION: Not normally required. Wear protective gloves to prevent prolonged or repeated contact.

GLOVES: Not normally required. Use protective gloves if conditions warrant.

Section 9, PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Negligible

PH AS IS: Not established

FLASH POINT: > 204.4° C (400° F)

BOILING POINT: No Data

MELTING POINT: No Data

FREEZING POINT: No Data

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: Insoluble in water

COLOR: Clear

ODOR THRESHOLD: Not established

SPECIFIC GRAVITY: 0.92 g/cc

VOLATILES: Nil

PERCENT VOLATILE: No Data

VAPOR PRESSURE (MM HG): No Data

VAPOR DENSITY: Heavier than Air

VOLATILE ORGANIC COMPOUNDS: Not Determined

SHELF LIFE: 1 Year In Original Packaging

Section 10, STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions. This product may react with strong acids, bases and oxidizing agents.

INCOMPATIBILITIES: None known.

NFPA REACTIVITY HAZARD CLASS: 0

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

Section 11, TOXICOLOGICAL INFORMATION

ORAL LD50, SPECIES TESTED: No data

DERMAL LD50, SPECIES TESTED: No data

TOXICOLOGY SUMMARY: No additional information available

Section 12, ECOLOGICAL INFORMATION

No ecological information available for this product

Section 13, DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Dispose of in an approved landfill. Consult your state, local or provincial authorities and your local waste vendor for more restrictive requirements.

Section 14, TRANSPORT INFORMATION

Not hazardous for transportation

DOT: NOT REGULATED

IATA: NOT REGULATED

IMDG: NOT REGULATED

Section 15, REGULATORY INFORMATION

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

FEDERAL REPORTING**EPA SARA Title III Section 313**

This product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372

WHMIS STATUS: This product is not controlled under the Canadian Workplace Hazardous Materials Information System.

STATE REPORTING

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

Section 16, OTHER INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

HMIS RATING: HEALTH -- 1 FLAMMABILITY -- 1 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

EPA Est. # 59072-NJ-001

The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

Current Version 1/7/21

Supersedes 2/19/16