

SAFETY DATA SHEET
F-901
SEPARATING FILM - TIN FOIL SUBSTITUTE

SECTION 1: IDENTIFICATION

Product identifier: F-901

Product name: Separating Film - Tin Foil Substitute

Manufacturer trade name: GC America COE-SEP™

Recommended use: Separating medium / auxiliary for manufacture and processing of dental and prosthetic appliances; professional use only.

Supplier / distributor: Factor II, Incorporated, 5642 White Mountain Ave, Lakeside, AZ 85929 USA

Telephone: 928-537-8387 | 800-332-8688

Website / email: www.factor2.com | sales@factor2.com

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SECTION 2: HAZARD(S) IDENTIFICATION

Classification: Acute Toxicity Category 2 (oral); STOT Repeated Exposure Category 1; Acute Toxicity Category 4 (inhalation); Skin Irritation Category 2; Skin Sensitization Category 1; STOT Single Exposure Category 3; Eye Irritation Category 2B.

Signal word: DANGER

Hazard statements: Fatal if swallowed. Harmful if inhaled. Causes skin and eye irritation. May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs through prolonged or repeated exposure.

Hazard-determining components identified by manufacturer: Ethyl alcohol; pentasodium triphosphate.

Precautionary statements: Do not breathe dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. If swallowed, immediately call a poison center/doctor. If in eyes, rinse cautiously with water for several minutes; remove contact lenses if present and easy to do and continue rinsing. Store locked up. Dispose of contents/container according to applicable regulations.

NFPA / HMIS: Health 2 | Fire 2 | Reactivity 0

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture with nonhazardous additions.

Component	CAS No.	Manufacturer-reported concentration
Ethyl alcohol	64-17-5	5-10%
Glycerol	56-81-5	1-5%
Pentasodium triphosphate	Not stated in Section 3	Concentration not provided in manufacturer SDS

Note: The manufacturer identifies pentasodium triphosphate as a hazard-determining component and SARA Section 313 chemical, but the posted U.S. SDS does not provide its concentration in Section 3.

SECTION 4: FIRST-AID MEASURES

General information: Immediately remove clothing soiled by the product. If symptoms persist, obtain medical attention.

Inhalation: Move to fresh air or provide oxygen and obtain medical attention. If unconscious, place in stable side position for transport. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

Skin contact: Immediately wash with water and soap and rinse thoroughly. Seek medical treatment.

Eye contact: Rinse opened eye for several minutes under running water, protecting the unaffected eye. Consult a doctor.

Ingestion: Do not induce vomiting. Immediately call for medical help. Rinse mouth and then drink plenty of water.

Most important symptoms/effects: Allergic reactions are identified by the manufacturer.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO2, extinguishing powder, water spray, or alcohol-resistant foam for larger fires. Use measures appropriate to the surrounding environment.

Unsuitable media: Water with full jet.

Specific hazards: Toxic gases may form during heating or fire.

Firefighter protection: Use self-contained respiratory protective equipment. Dispose of fire debris and contaminated firefighting water according to regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove persons from danger area. Avoid eye and skin contact. Wear protective clothing.

Environmental precautions: Do not allow product to enter sewage systems, watercourses, ground, or soil.

Containment / cleanup: Absorb liquid with suitable liquid-binding material and dispose of collected material according to regulations.

SECTION 7: HANDLING AND STORAGE

Safe handling: Observe instructions for use. Ensure good ventilation/exhaustion. Do not inhale mist or vapors. Avoid contact with eyes and skin.

Fire / explosion protection: Manufacturer SDS states no special measures are required.

Storage: Store in the original receptacle and away from foodstuffs. Follow product instructions and storage information.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Ethyl alcohol occupational limits: OSHA PEL 1000 ppm (1900 mg/m³) long-term; NIOSH REL 1000 ppm (1900 mg/m³) long-term; ACGIH TLV 1000 ppm short-term, as reported by the manufacturer SDS.

Glycerol occupational limit: OSHA PEL 15 mg/m³ total mist / 5 mg/m³ respirable fraction, as reported by the manufacturer SDS.

Engineering controls: Provide adequate ventilation.

Respiratory protection: Suitable respiratory protective device recommended by manufacturer SDS where needed.

Hand protection: Protective gloves. Select glove material and breakthrough time for the actual use conditions.

Eye protection: Safety glasses.

Hygiene: Avoid skin and eye contact; wash hands before breaks and at end of work; remove contaminated clothing promptly.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Manufacturer SDS information
Physical state / form	Viscous
Color	Colorless
Odor	Alcohol-like
pH	Not determined
Flash point	Not applicable
Auto-ignition	Product is not self-igniting
Explosion hazard	Product does not present an explosion hazard
Explosion limits	0.9-15.0 vol %
Water solubility	Fully miscible
Organic solvents	11.5%
Water	86.8%
VOC content	7.7%

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Stable at ambient temperature; no decomposition if used according to specifications.

Hazardous reactions: No dangerous reactions known.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Skin: Irritating to skin and mucous membranes.

Eyes: Irritating effect.

Sensitization: Sensitization possible through skin contact.

Manufacturer human-experience statements: May cause damage to central nervous system, liver, and lungs.

Carcinogenicity note: Manufacturer SDS lists ethyl alcohol under IARC Group 1 in the context of alcoholic beverage consumption and specifically notes that GC products are not consumable alcoholic beverages.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic / ecological data: No specific aquatic toxicity, persistence, bioaccumulation, or mobility data reported.

General environmental note: Manufacturer SDS assigns Water Hazard Class 1 (slightly hazardous for water). Do not allow undiluted product or large quantities to reach groundwater, waterways, or sewage systems.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal: Do not dispose with household garbage and do not allow product to reach sewage systems. Dispose according to applicable regulations.

Container disposal: Dispose of uncleaned packaging according to official regulations. Manufacturer lists water, with cleansing agents if necessary, as a recommended cleansing agent.

SECTION 14: TRANSPORT INFORMATION

DOT / ADR / ADN / IMDG / IATA: No UN number, proper shipping name, hazard class, or packing group assigned in the manufacturer SDS; listed as void / not regulated for these entries.

Marine pollutant: No.

Special precautions: Not applicable, according to manufacturer SDS.

SECTION 15: REGULATORY INFORMATION

SARA Section 355: No extremely hazardous substance identified by manufacturer SDS.

SARA Section 313: Pentasodium triphosphate identified by manufacturer SDS.

TSCA: All ingredients listed, according to manufacturer SDS.

EPA / NIOSH carcinogen lists: Manufacturer SDS reports none of the ingredients listed in the cited EPA or NIOSH-Ca categories.

ACGIH TLV listing: Ethyl alcohol A3, as reported by manufacturer SDS.

SECTION 16: OTHER INFORMATION

Factor II product: F-901 Separating Film - Tin Foil Substitute

Manufacturer source: GC America COE-SEP™ U.S. Safety Data Sheet, Version US-EN-Rev 1, printing/review date February 24, 2015; current document posted on GC America product page when accessed September 16, 2026.

Source basis: Factor II distributes this product without chemical modification. This document reformats the manufacturer safety information under Factor II supplier identification and product code. Where the manufacturer SDS does not provide a value or concentration, Factor II has not supplied one.

Manufacturer IFU: GC America COE-SEP Directions for Use: dispense only what is needed, do not return unused product to the bottle, apply liberally to warm moist surfaces, and allow the film to dry smooth and even before processing.

The information is provided in good faith and is based on available manufacturer information believed to be reliable. Users are responsible for determining suitability, safe use, and applicability of current laws and regulations. Always review the most current manufacturer and Factor II safety documentation before use.