



# Factor II, Incorporated

P.O. Box 1339  
Lakeside, AZ 85929

Phone:(928) 537-8387  
Fax: (928) 537-0893

## MATERIAL SAFETY DATA SHEET

### F-901

### Separating Film

### In Case of Emergency Contact 928-537-8387 Factor II, Inc.

Factor II Technology urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to the use and understanding of the data contained in this MSDS.

To promote safe handling each customer or recipient should: (1) notify and furnish its employees, agents, contractors, customers, and others whom it knows or believes will use this material of the information regarding hazards or safety; (2) request its customers to notify their employees, customers and other users of the product of this information.

#### 1. CHEMICAL PRODUCT

PRODUCT NAME: F-901 Separating Film Tinfoil substitute  
FORMULA: Mixture

#### 2. HAZARDOUS INGREDIENTS

MATERIAL	CAS#	EXPOSURE LIMITS	LD50/LC50	%
Glycerine	56-81-5	TWA=100mg/m <sub>3</sub> ACGIH	1260mg/kg	1-5%
Denatured Alcohol Ethanol	64-17-5	TWA=1000ppm	N.E.	5-10%
Methanol	67-56-1	TWA=262mg/m <sub>3</sub> ACGIH STEL=328/m <sub>3</sub> ACGIH	5628mg/Kg 64000ppm	

#### 3. FIRST AID MEASURES

##### EMERGENCY AND FIRST AID PROCEDURES:

###### SWALLOWING:

Caution if victim vomits. Risk of aspiration. Keep airways free. Drink plenty of water If gastrointestinal distress develops seek medical attention..

###### SKIN:

Wash with soap and water.

###### INHALATION:

Remove to fresh air. Obtain Medical attention if symptoms persist.

###### EYES:

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.



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## NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

## 4. FIRE FIGHTING MEASURES

FLASH POINT: N.A. Flammable Limits N.A.

EXTINGUISHING MEDIA:  
Water, CO<sub>2</sub>, foam, powder

FIRE AND EXPLOSION HAZARDS: Contains denatured alcohol. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon monoxide

## 5. ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Personal Precautions: Do not inhale vapors/aerosols. Ensure adequate supply of fresh air in enclosed rooms.  
Environmental Precautions: Observe all local laws.

Clean Up: Wipe up with absorbent material. Scoop into drums. Flush residue with plenty of water. Wash area with soap and water. Prevent was water from entering natural waterways or pulbic water supplies

WASTE DISPOSAL METHOD: Dispose of in accordance with all Federal, State, and local regulations.

## 6. HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Normal precautions common to safe manufacturing practice should be followed in handling and storage.

Keep container closed, Protect from light, Store in well ventilated place at 15° to 25°C

In case of fire do not breathe fumes

Flammable.

Keep away from food stuffs.

## 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

### COMPONENTS WITH LIMITS OF VALUES TO BE SUPERVISED AT THE WORKPLACE:

OCCUPATIONAL EXPOSURE VALUES AND SOURCE: Do not eat, drink or smoke during handling: avoid contact with eyes or skin

### RESPIRATORY PROTECTION:

Use NIOSH approved respirator or self-contained breathing apparatus as needed to maintain personnel exposure below established Occupational Exposure Values..

VENTILATION: General (mechanical) room ventilation with local ventilation as needed to maintain exposure below established Occupational Exposure Values.



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PROTECTIVE GLOVES: Vinyl disposable gloves

EYE PROTECTION: Recommended safety goggles or Glasses.

## 8. HEALTH HAZARD DATA

EYE: May cause severe irritation with corneal injury which may result in permanent damage to vision, even blindness.

SKIN CONTACT: Prolonged or repeated exposure may cause irritation, even a burn. May cause more severe response if confined to skin or skin is abraded.

INGESTION: Contains denatured alcohol. Ingestion may be fatal or cause blindness if swallowed.

INHALATION: Contains denatured alcohol. Prolonged exposure to concentrations of ethanol may result in irritation of mucous membranes, headaches, drowsiness, fatigue and narcosis. Methanol is also narcotic in effect and its effects are cumulative. Over exposure to methanol can result in acidosis and visual disturbances.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation of mucous membranes, headache, drowsiness.

## 9. PHYSICAL AND CHEMICAL PROPERTIES (based on typical material)

APPEARANCE: Clear viscous liquid

ODOR: Alcohol

BOILING POINT: N.E.

VAPOR PRESSURE: N.E.

VAPOR DENSITY: N.E.

EVAPORATION RATE: N.E.

SOLUBILITY IN WATER: N.E.

Note: The above information is not intended for use in preparing product specifications.

## 11. STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: N.E.

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:

None known

HAZARDOUS POLYMERIZATION: Will not occur

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: N.E.



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### 13. DISPOSAL CONSIDERATIONS

Use proper landfill disposal or incineration.  
Dispose of in accordance with all Federal, State, and local regulations.

We believe that the information contained herein is current as of the date of this Material Safety Data Sheet, and is offered in good faith but no warranty expressed or implied is made. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Factor II Technology, it is the user's obligation to determine the conditions of safe use of the product.  
Factor II Technology Regulatory Compliance Department.

Fire 2                      NFPA  
                                 Toxicity 2                      Reactivity 0