## MATERIAL SAFETY DATA SHEET:

MSDS NO. **AS-101IP** DATE: 1/10/96

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SECTION #1: PRODUCT IDENTIFICATION

Product Name: IPCO Safety Spray Adhesive 101

Description: AEROSOL WEBBING TYPE ADHESIVE

Appearance and Odor: CLEAR, VISCOUS LIQUID, ETHER-LIKE ODOR 0 = Minimal Use: MULTI PURPOSE AEROSOL ADHESTVE

2 = Moderate

Hazard Rating (NFPA): Health = 2 Reactivity = 1 Fire = 3 Special = 0

3 = Serious

3 = Serious 4 = Severe

Hazard Rating (HMIS): Health = 2 Flammability = 3 Reactivity = 1 

SECTION #2: HAZARDOUS INGREDIENT INFORMATION

 
 Common Name/Chemical Name
 OSHA PEL
 ACGIH TLV

 HEXANE (Cas# 110-54-3)
 500
 50

 ACETONE (Cas# 67-64-1)
 750 PPM
 750 PPM
 Approximate % 30-40 50 750 PPM 10-20 PROPANE/ISOBUTANE (Cas# 68476-86-8) 850

THIS PRODUCT MAY CONTAIN ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 327. SEE SECTION X FOR SPECIFIC MATERIALS.

THIS PRODUCT IS NOT A CARCINOGEN OR POTENTIAL CARCINOGEN AS DEFINED BY OSHA, THE NTP OR THE IARC MONOGRAPHS.

SECTION #3: EMERGENCY AND FIRST AID PROCEDURES

FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER Eye Contact:

LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

Skin Contact: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE

CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION

PERSISTS.

Inhalation: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER

OXYGEN. KEEP PERSON WARM AND QUIET. GET MEDICAL ATTENTION.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION #4: HUMAN HEALTH HAZARD INFORMATION

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Adverse Health Effects:

- Skin REDNESS, IRRITATION AND PROLONGED EXPOSURE MAY CAUSE DEFATTING, DERMITITIS.
- SLIGHT TO SEVERE IRRITATION AND REDNESS. ADHESIVE PROPERTIES MAY "GLUE" EYELIDS SHUT IF SPRAYED IN EYES.
- Ingestion NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS AND FATIGUE. CHRONIC OVEREXPOSURE HAS APPARENTLY BEEN FOUND TO CAUSE CENTRAL NERVOUS SYSTEM EFFECTS.

Eye Protection: SAFETY GLASSES WITH SAFETY SIDE SHIELDS.

Skin Protection: SUITABLE TO PROTECT BARE SKIN.

Protective Gloves: RECOMMENDED.

Respiratory Protection: NIOSH APPROVED AIR SUPPLIED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation: LOCAL EXHAUST; SUFFICIENT TO MAINTAIN BELOW TLV. MECHANICAL SUFFICIENT TO MAINTAIN BELOW TLV.

Storage and Transport: DO NOT PUNCTURE OR INCINERATE. STORE IN WELL VENTILATED AREA. AVOID TEMPERATURES ABOVE 120 F. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. AVOID BREATHING OF VAPORS.

SECTION #6: FIRE/EXPLOSION INFORMATION

Flammability Classification: EXTREMELY FLAMMABLE PER ASTM D3065-77 AEROSO FLAME EXTENSION TEST.

:GRC=38==38G8G8G8G==46G8G8G5==5G8G5==5G8G==5EG8G8G8==5B8G8G==5B8G8G==5B8G8EE

Flash Point: PROPELLANT ONLY, MINUS 156 F CONCENTRATE, 0 F Extinguishing Media: CO2, FOAM, DRY CHÉMICALS.

Special Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS.

KEEP CONTAINERS COOL WITH WATER FOG TO PREVENT BURSTING.

Unusual Fire & Explosion Hazards: RUPTURED CONTAINERS MAY "ROCKET" OUT OF LOCALIZED AREA CAUSING POSSIBLE INJURY AND SPREAD FIRE.

SECTION #7: REACTIVITY DATA

Stability: STABLE

Materials to Avoid: STRONG OXIDIZERS AND EXTREME HEAT.

Hazardous Polymerization: WILL NOT OCCUR Hazardous Decomposition: CARBON MONOXIDE

SECTION #8: SPILL OR LEAK PROCEDURES AND WASTE DISPOSAL

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS IF TLV IS EXCEEDED. SOAK UP WITH OIL ABSORBANT MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL.

Waste Disposal: IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION #9: PHYSICAL DATA

SECTION #9. PRISICAL DATA

Vapor Density (Air=1): >1

Vapor Pressure: @ 20° C: 30-45 psig Solubility in Water: INSOLUBLE Specific Gravity: 0.70 (water=1) Boiling Point: 133 F (concentrate)

Evaporation Rate (N-Butyl Acetate=1): <1</pre>

SECTION #10: SUPPLEMENTARY INFORMATION

SARA TITLE III: ACETONE