

MATERIAL SAFETY DATA SHEET

AMERICAN INTERNATIONAL INDUSTRIES
 2220 GASPAR AVENUE
 LOS ANGELES, CA 90040

213/728-2999

DATE OF PREPARATION:

06-Jul-89

WRITTEN BY: J. CASTEL

SECTION I

PRODUCT IDENTIFICATION

BRAND NAME: AMERICAN INTERNATIONAL, INC.
 PRODUCT NAME: STREAKS AND TIPS; ALL COLORS
 NATURE OF PRODUCT: PIGMENTED AEROSOL SPRAY FOR TEMPORARY HAIR COLORS.

HEALTH MATERIAL IDENTIFICATION SYSTEM

HEALTH: 3
 FLAMMABILITY: 3

REACTIVITY: 2
 PERSONAL PROTECTION: A

SECTION II

HAZARDOUS MATERIALS

MATERIAL	CAS NUMBER	PERCENT	TOXICITY DATA
ETHANOL	64-17-5	25-35	NOT ESTABLISHED
1,1,1-TRICHLOROETHANE	71-55-6	10-20	NOT ESTABLISHED
PROPANE	74-98-6	15-25	NOT ESTABLISHED
ISOBUTANE	75-28-5	20-30	NOT ESTABLISHED

SECTION III

PHYSICAL DATA OF PRODUCT

SP. GRAVITY: 1.0
 MELTING POINT: N/A
 BOILING POINT: 74°C (CONCENTRATE)
 pH: N/A
 SOLUBILITY IN WATER: NOT SOLUBLE
 ODOR: FLORAL AND ALCOHOLIC ODOR
 DESCRIPTION: AEROSOL SPRAY, RAPIDLY EVAPORATING, DEPOSITING A COLORED FILM OF PIGMENT AND RESIN.

VOLATILES (BY WEIGHT): 5-10%
 VAPOR PRESSURE: 45 PSIC
 VAPOR DENSITY: N/A

SECTION IV

FIRE AND EXPLOSION HAZARDS

FLASH POINT: AEROSOL NOT DETERMINED; CONCENTRATE: 69°F TOC
 EXTINGUISHING MEDIA:

USE WATER, "ALCOHOL" FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

AUTODECOMPOSITION TEMPERATURE: N/A
 AUTOIGNITION TEMPERATURE: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS:

CONTAINERS EXPOSED TO INTENSE HEAT SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE.
 CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

Percent Volatile by Wt.....: 74.95
 Vapor Density (Air = 1).....: Heavier than air
 Solubility in Water.....: Water soluble or partially soluble
 pH.....: Neutral to slightly acidic
 Appearance & odor.....: Clear to slight haze; solvent odor.

SECTION IV - FIRE & EXPLOSION HAZARD DATA

Flash Point (°F (T.C.C.)).....: 24.0000
 Flammable Limits.....: L.E.L.: 2.200 U.E.L.: 19.000
 Autoignition Temperature LEL.:
 Autoignition Temperature UEL: "
 Extinguishing Media: Extinguish fires with CO₂, water (fog),
 steam, foam, or dry chemical. Cool fire-exposed metal containers with water
 spray.
 Special Fire Fighting Procedures: Cool down material after blaze is struck.
 Unusual Fire & Explosion Hazards: When exposed to heat and flame material is
 a fire and explosion hazard.
 When this material is involved in a fire, toxic degradation products can be
 produced, including CO₂, CO, & oxides of nitrogen. Firefighters should use
 self-contained breathing apparatus. Dense toxic smoke can be produced when
 this material burns.

SECTION V - HEALTH HAZARD DATA

Effects of Overexposure: Prolonged or repeated exposure by inhalation of
 vapor concentrations in excess of the TLV and/or by skin contact with the
 liquid may cause damage to the nervous system, blood and kidneys. Symptoms
 include headache, lethargy, drowsiness, weakness, difficulty walking, person-
 ality change, poor appetite, nausea, and weight loss. Vapor irritating to the
 eyes, nose and throat. Liquid irritating to the eyes.

))))NOT CONSIDERED A CARCINOGEN BY ACGIH, NTP OR IARC(((

EMERGENCY FIRST AID PROCEDURES: Inhalation - remove to fresh air; if not
 breathing, give artificial respiration; if breathing difficult, give oxygen
 Eye or skin contact - immediately flush eyes or skin with plenty of water for
 at least 15 minutes while removing contaminated clothing & shoes. Get medi-
 cal attention.

SECTION VI - REACTIVITY DATA

STABILITY: Stable ** Unstable
 CONDITIONS TO AVOID: heat, sparks, sources of ignition, open flames
 INCOMPATIBILITY: avoid contamination with strong oxidizing agents, strong
 acids, strong bases, certain amines. Do not allow film to come in contact
 with driers unless under agitation.
 HAZARDOUS DECOMPOSITION PRODUCTS: combustion can produce carbon dioxide and
 carbon monoxide. Dense toxic smoke can be produced when this material
 burns.
 (HAZARDOUS POLYMERIZATION: will not occur ** may occur

SECTION VII - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE OF RELEASE OF SPILL: eliminate all sources of ignition and keep hot metal surfaces isolated from spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into appropriate absorbant.

WASTE DISPOSAL METHOD: Dispose of used product and absorbant in compliance with applicable local, county, state, and federal regulations regarding health and environment. Hazardous liquids may not be disposed of in landfills and will require incineration.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: The use of respiratory protection depends on vapor concentration above the time-weighted TLV; use of NIOSH approved cartridge respirator or gas mask. General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time weighted TLV ranges. Other special precautions such as respiratory masks, supplemental local exhaust may be required.

PROTECTIVE GLOVES, EYEWARE, APRONS, ETC.: Chemically inert gloves and apron, as well as goggles or face shield should be worn at all times. Eye washes and safety showers are recommended in the work area.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep products and containers cool, dry and away from sources of ignition. Use and store this product with adequate ventilation. Keep containers closed when not in use.

OTHER PRECAUTIONS: Avoid inhalation of vapors and personal contact with product. Should contact be made, remove saturated clothing and flush affected areas with water. Clean up material that has dried by using non-sparking tools or washing with solvent.

))))BARA TITLE III SECTION 313 REPORTING((((

Products in Section II of this MSDS with names followed by "B" or "B", are Toxic Chemicals according to Section 313 of BARA and are subject to the reporting requirements of 40 CFR Part 372.45.

))))))CALIFORNIA PROPOSITION 65(((((((

Any solvents, plasticizers or resins which are listed in the California Proposition 65 list of "Chemicals Known to Cause Cancer or Reproductive Toxicity" are designated in "SECTION II - HAZARDOUS INGREDIENTS" of this MSDS by the letter "B" following the chemical name.