

CAIN MANUFACTURING COMPANY, INC.
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M A T E R I A L S A F E T Y D A T A S H E E T

Manufactured by: IGI Adhesives, Inc.
6100 Centennial Blvd.
Nashville, TN 37209
615-350-8555

SECTION 1: IDENTITY

TRADE NAME: AEROSOL SPRAY ADHESIVE Model: HV 100 ASA
CHEMICAL NAME: Aerosol Spray Adhesive 611
DOT HAZARD CLASS: Flammable Liquid, UN-1133

SECTION 2: COMPONENT/INGREDIENT INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER</u>	<u>CAS#</u>
N-Hexane	500ppm	50ppm	N/A	110-54-3
C6 Isomers of Hexane	500ppm	500ppm	STEL 1000ppm	N/E
Acetone	1000ppm	750ppm	STEL 1000ppm	67-64-1
Isobutane/Propane Blend	N/E	850ppm	MFG'S 936ppm	68476-86-6

SECTION 3: PHYSICAL & CHEMICAL CHARACTERISTICS:

APPEARANCE & ODOR: White liquid, mint odor wet, none when dry.
SOLUBILITY IN WATER: Insoluble
VOLATILE BY VOLUME: 80%
BOILING POINT: -43.7 Degrees F.
VAPOR DENSITY: Greater than 1 Air = 1
VAPOR PRESSURE: 60 @ 20 C (mm Hg.)
EVAPORATION RATE: Greater than 1 Butyl Acetate = 1
SPECIFIC GRAVITY: 0.70 - 0.75 Water = 1

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: LESS THAN 0 DEGREE F. METHOD USED: TCC
FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL 1.8% UEL 25%
EXTINGUISHER MEDIA: CO2, DRY CHEMICAL, FOAM, HALON
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing
apparatus must be worn.
UNUSUAL FIRE & EXPLOSION HAZARDS: Do not expose aerosols to
temperatures above 130 F. or the container may explode.

SECTION 5: PHYSICAL HAZARDS / REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Temperature above 130 F.

INCOMPATIBILITY (materials to avoid): Oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.
 HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARDS AND TOXICITY

PERMISSIBLE EXPOSURE LIMITS: See SECTION 2

INHALATION: Overexposure to vapors of this product may cause light headedness, nausea, dizziness, giddiness or breathing difficulties. Severe overexposure may cause unconsciousness and asphyxiation.

SKIN: This product is a defatting agent and may cause dermatitis or skin irritation upon prolonged or repeated contact.

EYES: High vapor concentrations may cause irritation to the eyes.

INGESTION: Unlikely route of exposure. Persons ingesting this product may experience Central Nervous Depression, numbness, respiratory tract irritation and muscle weakness.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Central and peripheral nervous system, pre-existing eye and skin disorders.

NOTE TO PHYSICIAN: Chemical is listed as a potential carcinogen or carcinogen by:

I.A.R.C. MONOGRAPHS:	_____ YES	_____ X	_____ NO
NATIONAL TOXICOLOGY PROGRAM:	_____ YES	_____ X	_____ NO
OSHA Regulated:	_____ YES	_____ X	_____ NO
OTHER:	_____ YES	_____ X	_____ NO

SECTION 7: FIRST AID

INHALATION: Move the exposed person to fresh air at once. If breathing continues to be difficult, administer oxygen until medical assistance can be rendered. If breathing stops, begin artificial respiration. Keep the affected person warm and at rest. If exposure exceeds occupational exposure limits use a NIOSH/MSHA approved respirator to prevent overexposure. Use either a self-contained air supplied respirator or organic vapor respirator in accordance with 29 CFR 1920.134.

EYES: Wash eyes immediately with large amounts of water, lifting the upper and lower lids occasionally. If irritation persists after washing, get medical attention.

SKIN: Wash the contaminated area with soap and water, remove contaminated clothing and launder clothing before reusing.

INGESTION: If this product is swallowed do not induce vomiting. Get medical attention immediately.

POTENTIAL RISKS: Potential risks to humans can be minimized by observing good work practices and personal hygiene procedures generally recommended for petroleum products.

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If permissible exposure limits of the

product or any component is exceeded, a NOISH/MSHA jointly approved air supply respirator is advised in absence of proper environmental controls. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Use only with good cross ventilation to avoid build-up of harmful vapors.

PROTECTIVE GLOVES: Wear impervious gloves if direct skin contact is made with product in a liquid state.

EYE PROTECTION: Chemical safety glasses, goggles or face shields should be worn if splash hazard is present. **Contact lens should not be worn when working with this product.**

OTHER PROTECTIVE EQUIPMENT: Use self-contained air supplied respirator to prevent overexposure.

SECTION 9: STORAGE & HANDLING PRECAUTIONS

Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Persons should avoid breathing vapors. Do not puncture or incinerate container. Do not store at temperatures above 120 F. Prevent moist air from entering storage area. Keep from reach of children.

SECTION 10: SPILL/LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Allow solvents to evaporate. Clean up adhesive with sawdust. Incinerate sawdust or landfill according to local, state and federal regulations.

WASTE DISPOSAL METHODS: Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal hazard.

DISCLAIMER: Cain Manufacturing Company, Inc. provides the information herein in compliance with the Federal Hazard Communication Standard, 29 CFR 1910.1200 to give warning of actual and assumed hazards and to inform of generally applicable precautions and control measures which are known to Cain. The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability or fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use.

This information and product are furnished on the condition that the persons receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of the use thereof.

HV 100 ASA

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PREPARER: Melvin Murphree

NA = not applicable
NE = not established