American International Industries

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Common Name	**Nail Tek Foundation I**
Supplier	American International Industries 2220 Gaspar Avenue Los Angeles, CA 90040
Synonym	Nail Hardener
Trade Name	Nail Tek FOUNDATION I
Material Uses	Cosmetic or Sundry Only

Item#:	55509 (824108), NK16100
Bulk#:	30-9729
Validation Date:	09-13-12
Revision:	00
Chem-Tel:	(800) 255-3924

Section 2. Composition, Information on Ingredients

Name	CAS#	% by Weight	Exposure Limits - PPM ACGIH-TWA	OSHA-PEL
1) Butyl Acetate	123-86-4	25 - 35	150.00	150.00
2) Isopropyl Alcohol	67-63-0	5 - 15	400.00	400.00
3) Nitrocellulose	9004-70-0	5 - 15	400.0	NA
4) Triphenyl Phosphate	115-86-6	1 - 5	NA	NA
5) Tosylamide/Epoxy Resin	NA	1 - 5	NA	NA
6) Formaldehyde	50-00-0	1.2	1.00	1.00
7) Ethyl Acetate	141-78-6	25 - 35	400.00	400.00

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Section 3. Hazards Identification

Physical State and Appearance	Thick Milky White Liquid
Emergency Overview	Vapors are irritating to mucous membrane and upper respiratory tract. Continuous high volume usage may irritate eyes, nose and throat. Vapors may cause drowsiness and dizziness. May be irritating to eyes. May cause skin irritation leading to dermatitis. Keep away from heat, sparks, and flame. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
Routes of Entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
Potential Acute Health Effects	
Eyes	May cause irritation or burning of eyes either from vapors or from liquid contamination.
Skin	Repeated or prolonged liquid contact may, in extreme cases, cause skin irritation with discomfort or dermatitis. The Butyl Acetate component in this product may be a mild skin allergen for some very sensitive individuals.
Inhalation	May cause nose and throat irritation, nervous system depression, headache, dizziness, nausea, staggering gate, confusion, and unconsciousness.
Ingestion	Do not swallow or put into mouth, nose or ears.
Potential Chronic Health Effects	No Known Carcinogen. Do not use product if a pre-existing condition exhibits any of the above systems.
Medical Conditions Aggravated by Overexposure:	Repeated or prolonged exposure is not known to aggravate medical condition.
Overexposure/Signs/Symptoms See Toxicological Information/ (section 11)	Due to the small quantity of material in each package, this product is unlikely to cause adverse symptoms.

Section 4. First Aid Measures

Eye Contact	Flush immediately with plenty of water, having individual roll eyes for at least 15 minutes. If irritation persists call Physician.
Skin Contact	Wash area with soap and water. If symptoms persist consult Physician.
Inhalation	Remove individual to fresh air. Have individual blow nose if necessary. If irritation persists call Physician.
Ingestion	If product is ingested, call physician or poison control center for most current information. DO NOT INDUCE VOMITING. If vomiting occurs, keep individual's head lower than chest to avoid inhalation into lungs. If individual is conscious, rinse mouth with water. Do not give diluents (water or milk) to individual that is unconscious, having convulsions or unable to swallow.
Notes to Physician	Not available

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Section 5. Fire Fighting Measures

Flammability of the Product	Flammable
Auto-Ignition Temperature	Not established
Flash Points	Tag Closed Cup 24 deg F (-4.4 deg C)
Flammable Limits	Not available
Products of Combustion	Noncombustible
Fire Hazards in Presence of Various Substances	Considered to be flammable
Explosion Hazards in Presence of Various Substances	When heated above the Flash Point, flammable vapors may be emitted. Fine mists or sprays may be flammable at temperatures below the Flash Point.
Fire Fighting Media and Instructions	Carbon Dioxide (CO2), Dry Chemical, Foam, Halon and Water Spray (for cooling).
Protective Clothing (Fire)	Full protective equipment, including self-contained breathing apparatus is recommended.
Special Remarks on Fire Hazards	Use NIOSH approved self-contained breathing apparatus in the pressure demand mode. Isolate fire area. Remove all personnel.
Special Remarks on Explosion Hazards	Containers exposed to extreme heat may rupture. Water from nozzle may be used to cool containers to prevent pressure build up. Vapors are heavier than air and may travel along the ground to a source of ignition.

Section 6. Accidental Release Measures

Small Spill and Leak	Wear protective gloves during clean up as needed. Use a non-combustible material such as dry earth, sand, kitty litter, or commercial absorbent for absorbing liquid, and transfer to leak-proof container. Follow Local and/or State laws for disposal.
Large Spill and Leak	Large spills or leaks should be cleaned up by trained personnel using properly planned procedures. Protective equipment should be used. Remove or turn off all sources of ignition, such as, but not limited to, gas heaters, gas stoves, sparks from static electricity, or internal combustion engines (gas forklifts). Ventilate area. Use non-sparking tools. Clear affected area of non-essential personnel. Prevent skin contact and breathing vapors. Prevent product from entering sewers or confined areas. Clean area thoroughly. Follow Local, State and U.S. federal waste disposal regulations. Do not incinerate in closed containers.

Section 7. Handling and Storage

Handling	All employees who handle this material should be trained to handle it safely. Observe label precautions. Keep this material away from heat, sparks, and open flame. Do not eat, drink, or smoke while handling product. Wash thoroughly after using this product. Do not heat this product in a microwave or by any other means. Open containers slowly on a stable surface. Keep container closed when not in use. Empty containers may contain residual amounts of this product therefore; follow applicable State or local household hazardous waste laws.
Storage	Store product in a dry, cool location away from sources of heat and direct sunlight. Inspect all incoming containers to ensure product isn't damaged. Make sure proper fire extinguishers are available.

Continued on Next Page

Section 8. Exposure Controls, Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work station location. Do not cut, weld, drill or grind on or near containers.
Personal Protection	
Eyes	Face shield, safety goggles, or splash goggles.
Body	Synthetic apron
Respiratory	Use NIOSH approved respirator
Hands	Chemical resistant gloves (impervious)
Feet	Not applicable
Protective Clothing (Pictograms)	
Personal Protection in Case of a Large Spill	Face Shield. Full suit. Boots. Gloves.

Product Name	Exposure Limits - PPM ACGIH-TWA	OSHA-PEL
1) Butyl Acetate	150.00	150.00
2) Isopropyl Alcohol	400.00	400.00
3) Nitrocellulose	400.0	NA
4) Triphenyl Phosphate	NA	NA
5) Tosyamide/Epoxy Resin	NA	NA
6) Formaldehyde	1.00	1.00
7) Ethyl Acetate	400.00	400.00

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Thick Milky White Liquid
Molecular Formula	Not applicable
PH (1% Soln/Water)	Not available
Boiling/Condensation Point	171 to 342 Deg F (77 to 172 Deg C)
Melting/Freezing Point	Not available
Critical Temperature	Not available
Specific Gravity	8.10
Vapor Pressure	Not available
Vapor Density	Not available
Volatility	Flammable, noncombustible

Odor	Strong Solvent
Taste	Not Available
Color	Milky White

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Odor Threshold	Not available
Evaporation Rate	Slower than Ether (Butyl Acetate=1)
VOC	Not available
Viscosity	Not available
Log K_{ow}	Not available
Iconicity (in Water)	Not available
Dispersion Properties	Not available
Solubility	Negligible
Physical Chemical Comments	Not available

Section 10. Stability and Reactivity

Stability and Reactivity	Relatively stable when under ambient conditions when stored properly.
Conditions of Instability	Do not store over 120 Degrees F (48 Deg C) and incompatible chemicals.
Incompatibility with Various Substances	Acids, Alkalies, and Peroxides
Hazardous Decomposition Products	CO, CO2, Nitrous Oxides, smoke
Hazardous Polymerization	Will not occur

Section 11. Toxicological Information

Toxicity to Animals	Large volumes of this product may be harmful or fatal to aquatic life.
Chronic Effects on Humans	No known carcinogen
Other Toxic Effects Humans	Vapors are irritating to mucous membrane and upper respiratory tract. Continuous high volume usage irritates eyes and nose. Vapors may cause drowsiness and dizziness. Irritating to eyes. Causes skin irritation and exposure to the skin can cause dermatitis.
Special Remarks on Toxicity to Animals	No additional remarks
Special Remarks on Chronic Effects on Humans	Not available
Special Remarks on Other Toxic Effects on Humans	No additional remarks

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Section 12. Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Biodegradable /OECD	Not available
Mobility	Not available
Products of Degradation	Not available

Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	All work practices must be aimed at eliminating environmental contamination.

Section 13. Disposal Considerations

Waste Information	HOUSEHOLD WASTES: Follow applicable local and state household waste regulations. The regulations of U.S. EPA's Resource Conservation or Recovery Act are not applicable to household consumers. NON-CONSUMER WASTES: Waste disposal must follow U.S. Federal, State and Local regulations or Local Foreign Government applicable regulations. This product may be disposed of at a permitted facility or as advised by your local hazardous waste regulatory authority, if unaltered by use.
Waste Stream	Not available

Consult your local or regional authorities.

Section 14. Transport Information

DOT Classification	CLASS 3: Flammable liquid
	PAINT, 3, UN1263, PG II
Marine Pollutant	None known
Special Provision for Transport	ORM-D
ADR/RID Classification	Not available
IMO/IMDG Classification	CLASS 3: Paint, UN1263, PGII
ICAO/IATA Classification	CLASS 9: Consumer Commodity

Section 15. Regulatory Information

HCS Classification	CLASS 3: Flammable liquid, CLASS 1B
U.S. Federal Regulations	Not available

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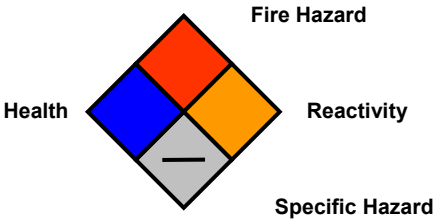
International Regulations	
EINECS	Not available
DSCL (EEC)	R11-Highly flammable R36/38 – Irritating to eyes and skin
International Lists	Australia: Isopropyl Alcohol Japan (MITI): Isopropyl Alcohol
State Regulations	No products were found. California prop. 65: No products were found.

Section 16. Other Information

Hazardous Material Information System (USA)

Health	
Fire Hazard	
Reactivity	
Personal Protection	

National Fire Protection Association (U.S.A)



References	Not available
Other Special Considerations	Not available
Validated by Company on 1/18/2001	Verified by Company
	Printed 6/12/2003

Nail Tek-Prima Technologies, Inc. 1-631-366-0500 Monday – Friday, 9:00 am – 5:00 pm EST

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