

MATERIAL SAFETY DATA SHEET

Section 1. Product and Company Identification

Product Name:	IBD Nail Lacquer Top Coat	DATE:	3/19/2012
Formula:	30-5310	REV.	02
Item#:	45531		

Manufacturer: American International Industries
 2220 Gaspar Ave
 Los Angeles, CA 90040

Chem-Tel: (800) 255-3924

Section 2. Composition / Information on Ingredients

Composition:

Component	CAS #	%	TOXICOLOGICAL DATA	
			OSHA/ACGIH	TWA/STEL
Isobutyl Acetate	110-19-0	40 - 55	150ppm	150ppm
Ethyl Acetate	141-78-6	20 - 35	400ppm	400ppm
Hydroxy propyl cellulose	9004-64-2	15 - 25	N/E	N/E
Isopropyl Alcohol	67-63-0	5 - 15	400ppm	400ppm
Methyl Ethyl Ketone	78-93-3	0.5 - 1.5	200ppm	200ppm
Xylene	1330-20-7	0.5 - 1.5	100ppm	100ppm
D&C Violet # 2	81-48-1	<1	N/E	N/E
Benzophenone	119-61-9	<1	N/E	N/E

N/E - None Established
 N/DA - No Data Available
 N/A - Not Applicable

Section 3. Hazardous Identification

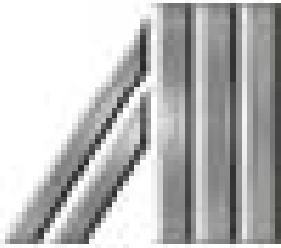
Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin contact, eye contact.

Eye: Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.

Skin: May cause skin irritation. Repeated or prolonged contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.



MATERIAL SAFETY DATA SHEET

Inhalation: High vapor concentration may irritate the mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects; Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects: May cause headaches, nausea, vomiting and narcotic effect if over-exposed.

Section 4. First Aid Measures

First Aid for Eye: Immediately flush with water for at least 15 minutes, including under eyelids. Seek medical attention if discomfort persists.

First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persist.

First Aid for Inhalation: If large amounts are inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, and call a physician.

First Aid for Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible do not leave individual unattended.

Section 5. Fire Fighting Measures

Flash Point (°F/°C): 68°F/20°C (tagged closed)

Flammable Limit (vol%): 400 ppm

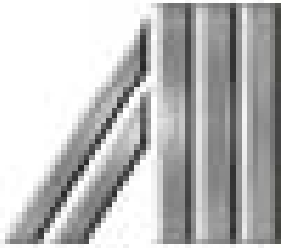
Auto-ignition Temp. (vol%) 750° F - 900° F

Extinguisher Media: Foam, Dry Chemical or Cold Water Spray

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective gear. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. prevent buildup of vapors or gases to explosive concentrations.

Section 6. Accidental Release Measures



MATERIAL SAFETY DATA SHEET

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal regulations.

Section 7. Handling and Storage

Handling: Keep away from heat, sparks, flames and other sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use adequate ventilation. Wash skin thoroughly after handling.

Storage: Keep container closed when not in use. Store in a well ventilated place. Store @ 70 + 15 ° F, allow some air space above liquid level.

Explosion Hazard: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting on or near drum (even empty) because product (even just residue) can ignite explosively.

Section 8. Exposure Controls / Personal Protective Equipment

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

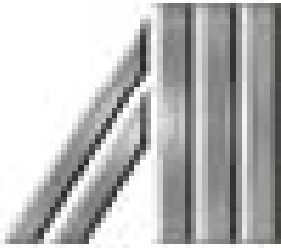
General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash Stations and safety showers. Wear impervious clothing to avoid any contact with this product such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye Protection: Wear chemical splash goggles in compliance with OSHA regulations are advised ; however, OSHA regulations also permit other type of safety glasses.

Skin Protection Respiratory Protection: Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section 9. Physical and Chemical Properties

Appearance @ 25°C:	Clear, viscous liquid	Viscosity (RVT):	300-400 cps
Odor @ 25°C:	Fruity ester-like	Vapor Pressure:	N/DA
pH	Not applicable	Vapor Density:	N/DA
Specific Gravity:	0.98	Evaporation Rate:	N/DA



MATERIAL SAFETY DATA SHEET

Ignition:	Not applicable	% Volatiles:	W/W % : 99+
Boiling Point:	170° F		
Solubility in Water	Insoluble		

Section 10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:
Heated material produces NO₂, CO₂, CO

Incompatibility (Materials to Avoid):
Avoid oxidizing agents, acids & bases (heat)

Hazardous Polymerization:
May occur

Conditions to Avoid: Heat, flame, ignition sources.

Section 11. Toxicological Information

Acute Oral Toxicity: (Rat) LD₅₀ : 3.2-6.4g/kg
Acute Dermal Toxicity: (Rabbit) LD₅₀ : <20mL/kg
Acute Inhalation: (Rat) LD₅₀ : 3500-800 ppm/4 hours
Mutagenicity: No data available

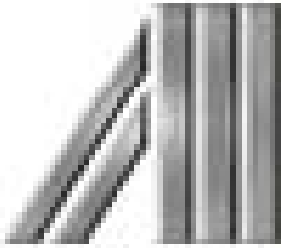
Section 12. Ecological Information

Chemical Fate Information: Biodegradability: N/DA
Chemical Oxygen Demand: N/DA

Section 13. Disposable Considerations

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill or weld on or near the container. Mix with compliance chemical which is less flammable and incinerate.

Section 14. Transportation Information



MATERIAL SAFETY DATA SHEET

<DOT Information>

Proper Shipping Name: Paint
DOT Hazard Class: 3, Flammable Liquid
Packaging Group: II
UN ID Number: UN 1263

Section 15. Regulatory Information

Federal Regulatory Status:

Resource Conservation & Recover Act (RCRA) Classification:

This product contains the following chemicals considered to be hazardous waste under RCRA (40 CFR 261)
Ethyl Acetate CAS # 141-78-6 RCRA Code: U112, Methyl Ketone CAS # 78-93-3 RCRA Code: U159, Xylene CAS # 1330-20-7 RCRA Code: U239

FDA: This product has not been approved by the FDA for use in food packaging and/or other applications as an indirect food additive.

Clean Water Act: This product contains the following chemicals listed under the U.S Clean Water Act Hazardous Substances List: Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0. The following chemicals are listed as primary pollutants: None

Clean Air Act: HAP/ODS: This product contains the following hazardous air pollutants (HAP) and ODS's as defined by the U.S Clean Air Act; Methyl Ethyl Ketone CAS # 78-93-3, Benzophenone CAS # 119-61-9 (HAP) This product does not contain any ODS substances.

Occupational Safety and Health Act: This Product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: Immediate (acute) health hazard. Fire Hazard

SARA Title III: Section 302: None

Sara Title III: Section 304: This product chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).

Ethyl Acetate CAS # 141-78-6, RQ (Lbs): 5000
Isobutyl acetate CAS # 110-19-0, RQ (Lbs): 5000
Methyl Ethyl Ketone CAS # 78-93-3, RQ (Lbs): 5000
Xylene CAS # 1330-20-7, RQ (Lbs): 100

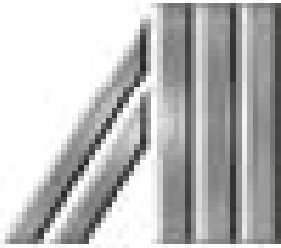
SARA Hazard Categories (311/312): Fire Hazard. Immediate (Acute) Health Hazard. requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Methyl Ethyl Ketone CAS # 78-93-3,
Xylene CAS # 1330-20-7
Isopropyl Alcohol CAS # 67-63-0

TSCA Section 8(b): Inventory: This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulatory Status:

The following chemical are specifically listed by individual states; other product specific health
Page 5 of 7



MATERIAL SAFETY DATA SHEET

and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

CA Right-to-Know Law:

Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

MA Right-to-Know Law:

Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

NJ Right to Know Law:

Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

PA Right-to-Know:

Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

FL Right-to-Know:

Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

MN Right-to-Know:

Benzophenone CAS # 119-61-9, Ethyl Acetate CAS # 141-78-6, Xylene CAS # 1330-20-7, Isobutyl acetate CAS # 110-19-0, Methyl Ethyl Ketone CAS # 78-93-3, Isopropyl Alcohol CAS# 67-63-0

International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)

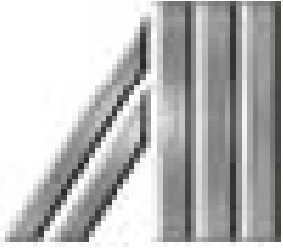
Ethyl Acetate CAS # 141-78-6 on DSL. WHMIS = B2, D2B
Isobutyl acetate CAS # 110-19-0 on DSL. WHMIS = n/da
Methyl Ethyl Ketone CAS # 78-93-3 on DSL. WHMIS = B2, D2A
Hydroxy propyl cellulose CAS # 9004-64-2 on DSL. WHMIS n/da
Benzophenone CAS # 119-619 on DSL. WHMIS n/da
Xylene CAS # 1330-20-7 on DSL. WHIMIS n/da
Isopropyl Alcohol CAS# 67-63-0 on DSL. WHMIS = n/da

EINECS: European Inventory:

Hazard Symbols: **Xn, F:** *Harmful, Highly Flammable*
Risk Phrases: **R11**, *highly flammable*, **R20/22:** *Harmful by inhalation and if swallowed*,
R36/37/38: *Irritating to eyes, respiratory system and skin*
Safety Phrases: **S7/9:** *keep container tightly closed and in a well ventilated area*, **S16:** *keep away from sources of ignition - no smoking*, **S24/25:** *avoid contact with skin and eyes*, **S33:** *take precautionary measures against static discharges*, **S37/39:** *wear suitable gloves and eye/face protection*, **S45:** *In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible)*

Section 16. Other Information

HMIS:



MATERIAL SAFETY DATA SHEET

Health=1
Flammability=3
Reactivity=1