

MATERIAL SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI and WHMIS Standards MSDS **AMOUR AIR BRUSH TOP COAT** Revision Date: 10-16-2013

1. PRODUCT IDENTIFICATION

1.1	Product Name: AMOUR AIR BRUSH TOP COAT
1.2	Chemical Name: NAIL LACQUER
1.3	Synonyms: NA
1.4	Trade Name: AMOUR AIR BRUSH TOP COAT
1.5	Product Use: MANICURE PROFESSIONAL USE ONLY
1.6	Manufacturer/Distributor's Name: TRANS D, INC.
1.7	Manufacturer/Distributor's Address: 4286 JONESBORO ROAD, FOREST PARK, GA 30297, USA.
1.8	Emergency Phone: CHEMTREC 1-703-527-3887 CHEMTREC CUSTOMER NUMBER # 22590
1.9	Business Phone: 1-404-363-2933

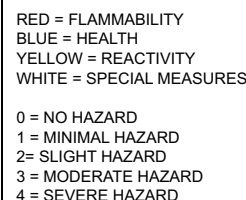
2. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS NO.	%	EXPOSURE LIMITS IN AIR					
			ACGIH		OSHA			OTHER
			TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	
N-BUTYL ACETATE	123-86-4 8.4	< 30.0	150	200	150	200	1700	150TWA
TOLUENE	108-88-3 26	< 31.0	150	200	150	200	1700	150TWA
ETHYL ACETATE	141-78-6 86	< 12.0	200	400	NA	NA	2000	400TWA
NITROCELLULOSE	9004-70-0	< 16.0	(10)	NE	(10)	NE	NE	
ISOPROPYL ALCOHOL	67-63-0 32	< 7.5	400	500	400	500	2000	400TWA

MAY ALSO CONTAIN THE FOLLOWING CHEMICALS:

*Not a hazard with this product.

NA = Not Available; ND = Not Determined; NE = Not Established; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used
NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-1998 format.



6. ACCIDENTAL RELEASE MEASURES

6.1	<p>Spills:</p> <p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., <1 gallon) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For spills ≥ 1 gallon, deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.</p>
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7. HANDLING & STORAGE INFORMATION

7.1	<p>Work & Hygiene Practices:</p> <p>Avoid prolonged or repeated contact with skin. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). Do not eat, drink or smoke while handling product.</p>
7.2	<p>Storage & Handling:</p> <p>Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Store away from incompatible materials (see Section 10).</p>
7.3	<p>Special Precautions:</p> <p>Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.</p>

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	<p>Ventilation & Engineering Controls:</p> <p>When working with large quantities of product, provide adequate ventilation (e.g., local exhaust ventilation, fans). Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.</p>
8.2	<p>Respiratory Protection:</p> <p>No special respiratory protection is required under normal conditions of use or handling. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134, or applicable U.S. state regulations, or the appropriate standards of Canada, its provinces, E.C. member states, or Australia.</p>
8.3	<p>Eye Protection:</p> <p>Avoid eye contact. None required under normal conditions of use. However, may cause irritation in some sensitive individuals. When handling large quantities (e.g., = 1 gallon), safety glasses with side shields should be used.</p>
8.4	<p>Hand Protection:</p> <p>None required under normal conditions of use. However, may cause skin irritation in some sensitive individuals. When handling large quantities (e.g., ≥ 1 gallon), wear rubber or plastic impervious gloves.</p>
8.5	<p>Body Protection:</p> <p>No apron required when handling small quantities. When handling large quantities (e.g., = 1 gallon), eye wash stations and deluge showers should be available. Upon completion of work activities involving large quantities of this product, wash any exposed areas thoroughly with soap and water.</p>

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density/Specific Gravity (H ₂ O=1):	0.98
9.2	Boiling Point:	170°F
9.3	Melting Point:	NA
9.4	Evaporation Rate (Butyl Acetate = 1):	NA
9.5	Vapor Pressure:	35 - 42 mm Hg
9.6	Molecular Weight:	NA
9.7	Appearance & Color:	Clear liquid with a fruity ester odor.
9.8	Odor Threshold:	ND
9.9	Solubility:	Insoluble in water.
9.10	pH	NA
9.11	Viscosity:	NA
9.12	Other Information:	Vapor density 1 @ 20°C (68°F) (air = 1)

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10. STABILITY & REACTIVITY

10.1	Stability:	Stable under ambient conditions when stored properly (see Section 7, Storage and Handling).
10.2	Hazardous Decomposition Products:	If exposed to extremely high temperatures, the products of thermal decomposition may include irritating vapors and carbon oxide gases (e.g., CO, CO ₂).
10.3	Hazardous Polymerization:	May occur, if exposed to extremely high temperatures.
10.4	Conditions to Avoid:	This product is incompatible with strong oxidizers (e.g., peroxides, superoxides), strong acids (e.g., hydrochloric or muriatic acids), or strong bases (e.g., lye, potassium hydroxide).
10.5	Incompatible Substances:	Exposure to or contact with extreme temperatures, strong light sources or incompatible materials.

11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data:	This product has not been tested on animals to obtain toxicological data. There are toxicology data for the components of this product, which are found in the scientific literature. These data have not been presented in this document.
11.2	Acute Toxicity:	See Section 3.3
11.3	Chronic Toxicity:	See Section 3.6
11.4	Suspected Carcinogen:	Yes. This product contains Isopropyl Alcohol, which is classified as a Group 3 carcinogen (not classifiable as a human carcinogen) by the IARC.
11.5	Reproductive Toxicity:	None
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.
11.6	Irritancy of Product:	See Section 3.3
11.7	Biological Exposure Indices:	NE
11.8	Physician Recommendations:	Treat symptomatically.

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	<p>The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows:</p> <p>Butyl Acetate: Koc = 1.82. Water solubility: 120 parts H₂O at 25°C (77°F). Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.</p> <p>Ethyl Acetate: Koc = 0.73. Water solubility: 64,000 mg/l. Bioconcentration Factor = 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours. Isopropyl Alcohol: Log Kow = 0.05-0.14.</p> <p>Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days. Isopropyl alcohol is not expected to bioconcentrate.</p>
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life.

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13. DISPOSAL CONSIDERATIONS

- 13.1 Waste Disposal:
Dispose of in accordance with all Federal, state, and local regulations.
- 13.2 Special Considerations:
U.S. EPA WASTE NUMBER: D001 (characteristic - ignitable)

14. TRANSPORTATION INFORMATION

The basic description (proper shipping name, hazard class & division, ID Number, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

- 14.1 49 CFR (GND): **CONSUMER COMMODITY, ORM-D (< 1.0 L).
1263, PAINT, 3, II (> 1.0 L).**
- 14.2 IATA (AIR): **CONSUMER COMMODITY, 9, ID8000 (< 0.5 L).
1263, PAINT, 3, II (> 0.5 L).**
- 14.3 IMDG (OCN):
PAINT, 3, UN1263, II, LTD QTY
- 14.4 TDGR (Canadian GND):
MARK PACKAGE "LIMITED QUANTITY" or "QUANTIT É LIMITÉE" or "LTD QTY"



15. REGULATORY INFORMATION

- 15.1 SARA Reporting Requirements:
SARA 304 (40 CFR Table 302.4) - Butyl Acetate, Ethyl Acetate
- 15.2 SARA Threshold Planning Quantity:
There are no specific Threshold Planning Quantities for the components of this product.
- 15.3 TSCA Inventory Status:
The components of this product are listed on the TSCA Inventory.
- 15.4 CERCLA Reportable Quantity (RQ):
Butyl Acetate = 5000 lbs (2270 kgs); Toluene = 1000 lbs (454 kgs)
- 15.5 Other Federal Requirements:
This product complies with the appropriate sections of the Food and Drug Administration's 21 CFR subchapter G (Cosmetics).
- 15.6 Other Canadian Regulations:
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDL. None of the components of this product are listed on the Priorities Substances List. Class B2 Flammable Liquid.
- 15.7 State Regulatory Information:
N-Butyl Acetate, Ethyl Acetate, and Isopropyl Alcohol are covered under specific state criteria.



16. OTHER INFORMATION

- 16.1 Other Information:
WARNING: Flammable! Keep away from heat.
- 16.2 Terms & Definitions:
See page 6 of this MSDS.
- 16.3 Disclaimer:
This Material Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Trans D, Inc. knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein related only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
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EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
TLV	Threshold Limit Value
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
IDLH	Immediately Dangerous to Life and Health

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



PERSONAL PROTECTION RATINGS:

A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for special handling directions.

Safety Glasses	Splash Goggles	Face Shield & Eye Protection	Gloves
Boots	Synthetic Apron	Full Suit	Dust Respirator
Vapor Respirator	Dust & Vapor Respirator	Full Face Respirator	Airline Hood/Mask or SCBA
Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.			

OTHER STANDARD ABBREVIATIONS:

NA	Not Available
NR	No Results
NE	Not Established
ND	Not Determined
ML	Maximum Limit
SCBA	Self-Contained Breathing Apparatus

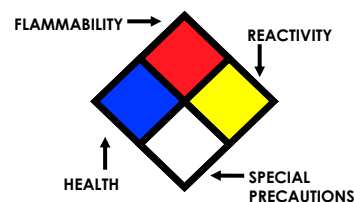
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:

Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
-W	Use No Water
OX	Oxidizer



TOXICOLOGICAL INFORMATION:

LD₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD₁₀	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD₁₀, LD₁₀, & LD₅₀ or TC, TC₁₀, LC₁₀, & LC₅₀	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{ow} or log K_{oc}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
CPR	Canadian Controlled Product Regulations

EC INFORMATION:

C	E	F	N	O	T+	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful