



MATERIAL SAFETY DATA SHEET

Prepared to OSHA, ACC, ANSI and WHMIS Standards MSDS Revision Date: 3-10-2011

1. PRODUCT IDENTIFICATION

1.1	Product Name: FLEXBRUSH WATER BASE
1.2	Chemical Name: WATER BASE COLOR
1.3	Synonyms: NA
1.4	Trade Name: FLEXBRUSH WATER BASE NAIL ART COLOR
1.5	Product Use: MANICURE PROFESSIONAL USE ONLY
1.6	Manufacturer's Name: TRANS D, INC.
1.7	Manufacturer's Address: 4286 JONESBORO ROAD, FOREST PARK, GA 30297
1.8	Emergency Phone: CHEMTREC 1-703-527-3887
1.9	Business Phone: 1-404-363-2933

2. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS NO.	%	EXPOSURE LIMITS IN AIR					OTHER
			ACGIH		OSHA			
			TLV ppm	STEL ppm	PEL ppm	STEL ppm	IDLH ppm	
AQUA/WATER	7732-18-5	98.00%	NE	NE	NE	NE	NE	
SILICA	112945-52-5	0.03%	NE	NE	NE	NE	NE	
PROPYLENE GLYCOL SOYATE	67784-79-6	1.00%	NE	NE	NE	NE	NE	
STYRENE/VA COPOLYMER	25213-29-0	0.42%	NE	NE	NE	NE	NE	
CALCIUM CARBONATE	471-34-1	0.02%	NE	NE	NE	NE	NE	
AVOCADO OIL PEG-11 ESTERS	103819-44-9	0.03%	NE	NE	NE	NE	NE	

MAY ALSO CONTAIN THE FOLLOWING CHEMICALS:

OTHER COMPONENTS PRESENT IN LESS THAN 1% CONCENTRATION	BAL	THE REMAINING COMPONENTS DO NOT CONTRIBUTE ANY SIGNIFICANT ADDITIONAL HAZARDS						
Titanium Dioxide	77891	NE	NE	NE	NE	NE	NE	
D&C Red #7 Calcium Lake	15850	NE	NE	NE	NE	NE	NE	
D&C Green #5	61570	NE	NE	NE	NE	NE	NE	
Red Iron Oxide	77489	NE	NE	NE	NE	NE	NE	
Black Iron Oxide	77491	NE	NE	NE	NE	NE	NE	
FD&C Yellow #5 Aluminum Lake	19140	NE	NE	NE	NE	NE	NE	
D&C Red #34 Calcium Lake	15880	NE	NE	NE	NE	NE	NE	
Bismuth Oxochloride	77163	NE	NE	NE	NE	NE	NE	
Mica	77019	NE	NE	NE	NE	NE	NE	
Pigment Red 57	5858-81-1	NE	NE	NE	NE	NE	NE	
Pigment Green	1328-53-6	NE	NE	NE	NE	NE	NE	
Bright Greenish Blue	42051	NE	NE	NE	NE	NE	NE	

*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.



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3. HAZARD IDENTIFICATION

3.1	Hazard Identification: Not a hazardous material as out lined by the OSHA Hazard Communication standards. Conform to ASTM D-4236.						
3.2	Routes of Entry:	Inhalation:	NO	Absorption:	NO	Ingestion:	YES
3.3	Effects of Exposure: INGESTION: If product is swallowed, may cause nausea, vomiting and/or diarrhea. SKIN & EYES: Slightly irritating to the eyes. May be irritating to skin in some sensitive individuals, especially after prolonged contact. INHALATION: Inhalation is very unlikely.						
3.4	Symptoms of Overexposure: Symptoms of overexposure may include redness, itching, irritation and watering (if in eyes).						
3.5	Acute Health Effects: Redness, itching, irritation (and watering if in eyes) or skin at the site of contact for some sensitive individuals.						
3.6	Chronic Health Effects: None known.						
3.7	Target Organs: Eyes, skin & respiratory system.						

4. FIRST AID MEASURES

4.1	First Aid: INGESTION: If ingested, do not induce vomiting. Drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer plenty of water or milk. Never give water or milk to an unconscious person. Contact Rocky Mountain Poison Control at 303-623-5716 or the nearest Poison Control Center or local emergency number. Provide an estimate of the time and amount of the substance that was swallowed. EYES & SKIN: If product is in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes. Open and close eyelid(s) to ensure thorough irrigation. If irritation persists consult a physician. If redness, dryness or other signs of irritation to the skin develop, wash affected skin areas with plenty of warm water and soap. Remove contaminated clothing and wash thoroughly before reuse. If irritation persists, consult a physician. INHALATION: Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.													
4.2	Medical Conditions Aggravated by Exposure: None known when used as directed. Undiluted product may irritate existing cuts, rashes, dermatitis, allergies or other sensitive areas.				<table border="1"> <tr> <td>HEALTH</td> <td>1</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT</td> <td></td> </tr> </table>		HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	PROTECTIVE EQUIPMENT	
HEALTH	1													
FLAMMABILITY	0													
REACTIVITY	0													
PROTECTIVE EQUIPMENT														

5. FIREFIGHTING MEASURES

5.1	Flashpoint & Method: NONE-FLAMMABLE						
5.2	Autoignition Temperature: NA						
5.3	Flammability Limits:	Lower Explosive Limit (LEL):	NA	Upper Explosive Limit (UEL):	NA		
5.4	Fire & Explosion Hazards: THIS PRODUCTS IS NONE-FLAMMABLE				<p>RED = FLAMMABILITY BLUE = HEALTH YELLOW = REACTIVITY WHITE = SPECIAL MEASURES</p> <p>0 = NO HAZARD 1 = MINIMAL HAZARD 2 = SLIGHT HAZARD 3 = MODERATE HAZARD 4 = SEVERE HAZARD</p>		
5.5	Extinguishing Methods: NA						
5.6	Firefighting Procedures: Normal firefighting procedures require self-contained breathing apparatus with protective gear for any hostile fire.						



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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.</p> <p>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.</p> <p>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>NA</p>
7.2	<p>Storage & Handling:</p> <p>Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans). Do not store in damaged or unmarked containers or storage devices. Keep containers securely closed when not in use. Open slowly on a level, stable surface.</p>
7.3	<p>Special Precautions:</p> <p>Spilled material may present a slipping hazard if left unattended. Clean all spills promptly.</p>

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1	<p>Ventilation & Engineering Controls:</p> <p>General mechanical (e.g., local exhaust ventilation, fans) or natural ventilation is sufficient when this product is in use.</p>
8.2	<p>Respiratory Protection:</p> <p>Respirators are not required for use with this product. However, this product is a nuisance dust hazard. Product may cause irritation of the mouth, nose, throat, and lungs. When working with large quantities, a dust mask is suggested. A respiratory protection program that meets OSHA's 29 CFR §1910.134 and ANSI Z88.2 requirements must be followed whenever a respirator is used.</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.</p> <p>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:	0.98-1.00
9.2	Boiling Point:	NA
9.3	Melting Point:	NA
9.4	Evaporation Rate:	NA
9.5	Vapor Pressure:	NA
9.6	Molecular Weight:	NA
9.7	Appearance & Color:	Opaque, semi-viscous liquid in a variety of colors and shades.
9.8	Odor Threshold:	ND
9.9	Solubility:	Soluble in water.
9.10	pH	NA
9.11	Viscosity:	NA
9.12	Other Information:	NA



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10. STABILITY & REACTIVITY

10.1	Stability:	This product is stable.
10.2	Hazardous Decomposition Products:	Oxides of carbon and nitrogen.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	High heat and direct sunlight.
10.5	Incompatible Substances:	None known or reported.

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 3.5
11.3	Chronic Toxicity:	See Section 3.6
11.4	Suspected Carcinogen:	NE
11.5	Reproductive Toxicity:	This product is not reported to produce reproductive toxicity in humans.
	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:	This product will slowly volatile from soil. Components of this product will slowly decompose into organic compounds.
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.



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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:
NA |

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.

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|------|--|--|
| 14.1 | 49 CFR (GND):
NOT REGULATED | |
| 14.2 | IATA (AIR):
NOT REGULATED | |
| 14.3 | IMDG (OCN):
NOT REGULATED | |
| 14.4 | TDGR (Canadian GND):
NOT REGULATED | |

15. REGULATORY INFORMATION

- | | |
|------|--|
| 15.1 | SARA Reporting Requirements:
NA |
| 15.2 | SARA Threshold Planning Quantity:
NA |
| 15.3 | TSCA Inventory Status:
The components of this product are listed on the TSCA Inventory. |
| 15.4 | CERCLA Reportable Quantity (RQ):
NA |
| 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/NDSL. None of the components of this product are listed on the Priorities Substances List. |
| 15.7 | State Regulatory Information:
No components of this product are listed on the California Proposition 65 lists. |

16. OTHER INFORMATION

- | | |
|------|---|
| 16.1 | Other Information:
Use only as directed. Discontinue use immediately if irritation develops. Do not taste or swallow. |
| 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.

OTHER STANDARD ABBREVIATIONS:

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

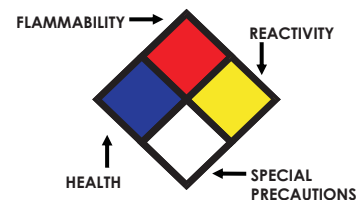
NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

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, & LD₀ or TC, TC₀, LC₁₀, & LC₀	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