Hand & Nail HARMONY

Safety Data Sheet

Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: Dual Coat

Product Use: Nail

Product #: 01237

SDS Prepared: 1/16/2014
SDS Updated: 8/26/2014
Revision: 00

Manufacture: Hand & Nail Harmony
1545 Moonstone, Brea, CA 92821
Emergency Phone Number: (800) 535-5053
Information Contacts: (714) 773-9758

Section 2: Hazards Identification

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Flammable Liquid
- May cause sensitization by skin contact
- May irritation for the skin, eye and respiratory system
- May cause central nervous system depression

Potential Health Effects, Signs and Symptoms of Exposure:

Routes of Exposure:	Inhalation, Skin or eyes
Eye	Vapor and liquid cause irritation redness and pain. Can cause severe irritation, possible corneal burns and eye damage
Skin	Moderate irritant. Toluene can be absorbed through skin with symptoms similar to inhalation. Skin allergy occasionally develops with exposure to Butyl Acetate.
Inhalation	Irritates respiratory tract. Over-exposure may cause coughing , wheezing, laryngitis, shortness of breath, headache, drowsiness , loss of appetite, nausea, vomiting, inability to concentrate, throat irritation and narcotic effect. Aspiration of Toluene may cause pulmonary edema and pneumonitis
Ingestion	Harmful is swallowed. Symptoms of over exposure may include nausea and vomiting, headache, facial flushing, dizziness, lover blood pressure. mental and respiratory depression, hallucinations and distorted perceptions , difficulty breathing, stupor , unconsciousness and death in acute cases. One ounce of Butyl Acetate may produce severe poisoning

NOTE: Refer to Section II, Toxicological Information for Details

Section 3: Composition/Information on Ingredients

INCI Name	CAS#	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Acrylic Polymer	25085-34-	N/A	N/E	N/E	Not Listed	15.- 40.0
Butyl Acetate	123-86-4	204-658-1	150 ppm	150 ppm	Not Listed	15.0-40.0
Toluene	108-88-3	203-625-9	200 ppm	50 ppm	Not Listed	< 25.0
Polymeric Benzotriazole	104810-47-1	95-14-7	N/E	N/E	Not Listed	< 1.0
Bis(t-Butyl Benzoxazolyl) Thiophene	7128-64-5	7128-64-5	N/E	N/E	Not Listed	< 1.0
Violet 2 (CI60725)	81-48-1	201-353-5	N/E	N/E	Not Listed	< 1.0

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

Toluene — Risk phases: R11, R38 R48/20, R63, R65, R67
Butyl Acetate — Risk phases: R10, R66, R67

See Section 16 for Risk and Safety Phrase Key

Section 4: First Aid Measures

First Aid for Eye	Flush with plenty lukewarm water for 15 minutes. Get medical aid.
First Aid for Skin	Rinse thoroughly with lukewarm water, followed by a thorough washing of the affect area with soap and water. If irritation, redness or swelling persist, contact a physician immediately.
First Aid for Inhalation	Remove to fresh air. Seek medical attention.
First Aid for Ingestion	If ingested do not induce vomiting. If product has been swallowed get medical attention immediately.
Clothing Treatment	Remove contaminated clothing, wash thoroughly before reuse. Treat symptoms conventionally, after thorough decontamination.
Not to Physicians:	Acute massive exposure to toluene can cause transient hematuria and albiminuria. Cardiac arrhythmias can occur after massive inhalation.

Section 5: Fire Fighting Measures

Flash Point (°F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
45°F/ 7°C For Toluene (closed cup)	LOWER 1.2 for Toluene	NE
	UPPER 7.1 For Toluene	

Method:	
Extinguishing Media:	Chemical Foam , carbon Dioxide, Dry chemical.
Fire Fighting Instructions:	This material is flammable. Remove all ignition sources. Close containers may rupture via pressure build up when exposed to fire or external heat. Vapors are heavier than air, fire may flash back. Explosive vapor-air mixture may be formed above the flash point or between the lower and upper flammable limits
Special Fire Fighting procedures	Do Not enter fire area without proper protection. Fight fire from a safe location. Wear self-contained breathing apparatus and full protective gear. Use water spray to cool containers structure and to minimize vapors.

Section 6: Accidental Release Measures

Personal Precautions:	Individuals involved must wear appropriate Personal Protective Equipment that is specified in Section 8. Deny entry to all unprotected individuals. Remove any contaminated clothing ans wash thoroughly before reuse.
Environmental Precautions:	Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802
Methods for Containment	Dike and contain spill with inert, non combustible material (e.g. sand and earth). Vapor suppressing foams may be used to reduce vapors.
Methods for Clean-Up:	Evacuate personnel, maximize ventilation (open doors and windows) and secure all sources of ignition. Use good, local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Refer to Section 13 for additional information. Was all affected areas with plenty of warm water and soap

Section 7: Handling and Storage

Handling Procedures:	Keep away from heat, sparks, and flame. Keep container closed after each use, Ground and bond all containers when transferring. Refer to Section 8 for suggested exposure controls and personal protection. Observe precautions found on label.
Storage Procedures:	Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Store in accordance with National Fire Protection Association recommendations. Keep container closed after each use. Ground and bond all containers when transferring. Product residue may remain in empty containers. Observe all label precautions until the container is cleaned, reconditioned, or destroyed.

Section 8: Exposure Controls / Personal Protection

	ACGIH		OSHA	
Item*	TLV/TWA	TLV-STEL	PEL TWA	PEL CEILING
Acrylic Polymer in Toluene	50 PPM	NE	200 PPM	NE
Butyl Acetate	150 PPM	200PPM	150 PPM	NE

Engineering controls:	Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.
Respitory Protection:	A Respirator should be worn whenever workplace conditions warrant a respirator use. None required if airborne concentrations are maintained below the exposure limit listed above. If necessary, use only respiratory protection authorized per U.S OSHA'S requirement in 29 CFR §1910.134 or other appropriate governing standard
Eye/Face Protection:	Wear safety glasses, chemical goggles when splashing is possible, when dealing with this material. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink, or washbasin is available in case exposure to eyes
Hand/Skin Protection:	Avoid skin contact. Wear chemical resistant gloves for routine industrial use. If necessary refer to U.S. OSHA 29 CFR §1910.138, or other appropriate governing standards
General Hygiene Considerations:	Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

Section 9: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	Specific Gravity	Viscosity	%Volatile
Clear, colorless	Sour burnt odor	ND	N/DA	> 60% Solvent

Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
111°C / 232 °F for Toluene	NE	N/A	(AIR=1) >1	No Data	No Data	Practically Insoluble to slightly soluble

Flash Point (°F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
45°F/ 7°C For Toluene (closed cup)	LOWER 1.2 for Toluene	NE
	UPPER 7.1 For Toluene	

Section 10: Stability and Reactivity

Stability:	Stable under typical conditions
Conditions to avoid:	Heat, open flames, sparks, static, electricity, sunlight, other sources of ignition and moisture.
Incompatible materials:	Avoid contact with strong oxidants, strong acids and strong bases
	Butyl Acetate can react with strong alkalis, acids, nitrates and potassium-tert-butoxide
Hazardous decompositions products:	Oxides of Carbon when burned.
Hazardous Polymerization:	Will not occur
Possible of Hazardous Reactions:	Will not occur

Section 11: Toxicological Information

TARGET ORGANS:

For Acrylic Polymer in Toluene:	None Listed
For Toluene:	Liver and Kidneys (prolonged or overexposure)
For Butyl Acetate:	None Listed
CHRONIC EXPOSURE:	
Carcinogenicity:	IARC assessment of Toluene is not classifiable as to its carcinogenicity to humans. None of the other components of this material are listed by IARC, NTP, ASHA or ACGIH as carcinogens

Section 12: Ecological Information

AQUATIC (based on published literature)

For Toluene:	Rainbow Trout ,LC_{50} :24 ppm/96H
	Fathead Minnow, LC_{50} : 26ppm/96H
	Bluegil Sunfish, LC_{50} : 13ppm/96H
	Algae, EC_{50} :>433 ppm/96H
	Daphania Magna EC_{50} : >11.5n ppm/48H
For Butyl Acetate:	Bluegill Sunfish LC_{50} :100mg/L/96H
	Daphania, EC_{50} : 44 mg/L/48H
SOIL:	When Butyl Acetate is realized to the soil:
	this materail is expected to readily biodegrade.
	this material leach into the groundwater
	this material is expected to have a half-life of less than 1 day
AIR:	When Butyl Acetate is realized to the air:
	this material may be moderately degraded by reaction with photochemical produced hydroxyl radicals

To the best of our knowledge, the ecotoxocological and chemical fate properties have not been thoroughly investigated.

Do not allow to enter drinking water supplies, wastewater, or soil.

Section 13: Disposal Considerations

WASTE DISPOSAL METHOD:	If discarded in its manufactured form it is as a characteristic hazardous waste by the EPA under RCRA
	Dispose waste material in accordance with Federal , State and Local regulations.
DISPOSAL OF EMPTY CONTAINERS:	Reuse of empty containers is not recommended. Employees should be advise of the potential hazard, due to residual flammable material associated with empty containers. Dispose of all empty containers properly in accordance with Federal, State and Local regulations

Section 14: Transport Information

DOT (49 CFR -GND)

Excepted Quantity (49 CFR -173.4a) (≤ 30 ml)

Consumer Commodity, ORM-D (≤ 1.0 L)

UN1263 Paint ,3,II (>1.0 L)

IATA (AIR):

Excepted Quantity (Air Shipper 4.1.2) (≤ 30 ml)

Consumer Commodity,9, ID8000 (≤ 0.5 L)

UN1263 Paint ,3,II (> 0.5 L)

IMDG (OCN):

Excepted Quantity (2008 IMO -3.5.1)) (≤ 30 ml)

UN1263 Paint ,3,II LTD QTY(≤ 1.0 L)

UN1263 Paint ,3,II (> 1.0 L)

TDGR (Canadian GND):

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)

UN1263, Paint related material, 3, II, (>1.0 L)

ADR/RID (EU):

UN 1263, Paint Related Material,3,II,ADR

MEXICO (SCT):
UN1263, Pintura,3,II, Cantidad Limitada (≤ 1.0 L)

ADGR(AUS):
UN1263, Paint, 3, II LTD QTY (≤ 1.0L)

Section 15: Regulatory Information

USA

OSHA	This material is considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200)
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory
SARA Title III: Section 302 (TPQ)	There are no specific Threshold Planning Quantities for the components of this product
SARA Title III: Section 311-312:	Acute health; Chronic Health; Fire
SARA Title III: Section 313:	There are reporting requirements for the components of this product.
CERCLA: Reportable Quantities (RQ)	For Toluene: 1000 lb. For Butyl Acetate: 5000 lb.

State Regulations

State Regulatory	This product contain components that are covered under specific state criteria
California Prop 65	This product contains trace levels of a component or components know to the state of California to cause cancer and birth defects or other reproductive harm

International Regulations

DSL/NDSL:	The components of this product are listed on the DSL.
WHMIS Hazard Class:	B2,D2A This product has been classified according to the hazard criteria of the CPR. None of the components of this product are listed on the priorities Substances List

Section 16: Other Information

Labeling according to EC Directives - 1999/45/EC

Hazard Symbols

- HAZARD SYMBOLS: **F**- *Flammable* **Xi** *irritant,*
- RISK PHRASES: **R11-** Highly Flammable, **R38**: *Irritating to skin,* **R48/20:** *Harmful: danger of serious damage to health by prolonged exposure through inhalation;* **R63**-*Possible risk of harm to the unborn child.*
R65- *Harmful: may cause lung damage if swallowed.;* **R66-** *Repeated exposure may cause dryness.*
R67- *Vapors may cause drowsiness and dizziness*
- SAFETY PHRASES: **S25:** *avoid contact with eyes.*
S36/37 *Wear suitable protective clothing and gloves,*
S62- If swallowed, do not induce vomiting: seek medical advice immediately and show label

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

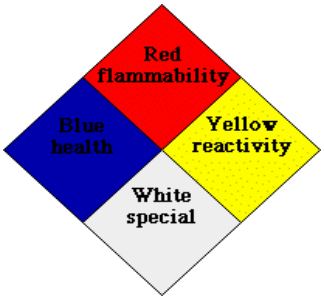
HEALTH:	2
FLAMMABILITY:	3
REACTIVITY:	0
PERSONAL PROTECTIVE EQUIPMENT	Gloves and Safety Glasses or Chemical Splash Goggles

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

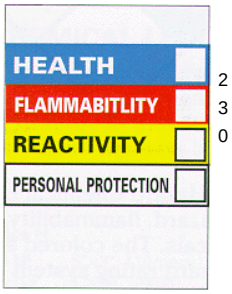
HEALTH:	2
FLAMMABILITY:	3
REACTIVITY:	3
SPECIAL INFORMATION:	N/A

Hazard Rating System (Pictograms)

NFPA:



HMIS:



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