

MATERIAL SAFETY DATA SHEET

Company : Odyssey Nail Systems, Inc.
Type : X-Press
Chemical Type: CYANOACRYLATE ESTER

HAZARDOUS INGREDIENTS

	CAS NO.	%	NTP	IARC	OSHA
ETHYL CYANOACRYLATE	7085-85-0	99-99.9	NO	NO	NO
HYDROQUINONE	123-31-9	0.1-1	NO	N/A	NO

PHYSICAL DATA

Boiling point:	More than 300-F (54-56°C 2.6-3 mmHG)	Specific Gravity:	1.06
Vapor Pressure:	Less than 0.2mm @ 75-F	Percent Volatile, by volume:	98.8%
Vapor Density:	Approximately 3	Evaporation Rate:	N/A
Solubility in Water:	Polymerized by water	Odor:	Sharp, irritating
Appearance:	Clear liquid		

INGREDIENTS WHICH HAVE EXPOSURE LIMITED:

EXPOSURE LIMITS(TWA)	ACGIH (TLV)	OSHA (TLV)	OTHER
ETHYL CYANOACRYLATE	NONE	NONE	2PPM TWA 9.1MG/M3
HYDROQUINONE	2MG/M3 TWA	2MG/M3 TWA	2MG/M3 TWA

FIRE AND EXPLOSION HAZARD DATA

Flash Point:	160~200°F (method:TAG CLOSED CUP)
Extinguishing Media:	CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Unusual Fire and Explosion Hazards:	POSSIBLE EXOTHERMIC REACTION LEADING TO SUBSTRATE IGNITION AND FUME GENERATION.
Flammable Limits:	LEL: N/A UEL: N/A
Special Fire Fighting Procedures:	SELF CONTAINED BREATHING APPARATUS.

HEALTH HAZARD DATA

Threshold Limit Value:	No criteria for measurement. Not yet established.estimated 2ppm
Effects of verexposure:	Vapor is irritating to eyes and mucous membranes above tlv. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals.
Emergency and First Aid Procedures:	Skin: immerse bonded surface in warm soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. Eye: flush with warm water and apply cause patch. Eye will open within 1-4 days. Mouth: apply warm water to mouth. Peel or roll lips apart. Burns: should be treated normally after the lump of cyanoacrylate is released from the tissue. Inhalation: remove to fresh air.

REACTIVITY DATA

Stability:	STABLE (UNDER NORMAL CONDITIONS)	Hazardous Polymerization:	WILL NOT OCCUR
Hazardous Decomposition Products:	NONE	Incompatibility (Materials to avoid):	POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES

SHIPPING REGULATIONS

AIR: UNRESTRICTED (NOT MORE THAN ONE PINT);ORM-A(ONE PINT TO 110 GALLONS);COMBUSTIBLE LIQUID (MORE THAN 110 GALLONS)

IDENTIFICATION NUMBER	NON	SUBSTANCE	NOT AVAILABLE
IATA		MARINE POLLUTANT STATUS	NOT AVAILABLE
PROPER SHIPPING NAME	UNRESTRICTED	CLASS	NOT AVAILABLE
CLASS OR DIVISION	UNRESTRICTED	SUBSIDIARY	NOT AVAILABLE
UN OR ID NUMBER	N/A	IMDG CODE PAGE	NOT AVAILABLE
IMO		UN NUMBER	NOT AVAILABLE

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

FLOOD WITH WATER TO POLYMERIZE.SOAK UP WITH AN INERT ABSORBENT.

Waste disposal method:

POLYMERIZE AS ABOVE.INCINERATE IN ACCORDANCE WITH EPA AND LOCAL REGULATIONS.

SPECIAL PROTECTION INFORMATION

Respiratory protection (type):

NONE NEEDED FOR NORMAL USE.

Ventilation:

POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

Protective Gloves:

POLYETHYLENE GLOVES, DO NOT USE COTTON GLOVES.

Eye Protection:

SAFETY GLASSES OR GOGGLES.

Other protective equipment:

POLYETHYLENE/POLYPROPYLENE COATS OR APRONS (NOT RUBBER OR COTTON).

SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage:

STORE AT OR BELOW 75-F TO MAXIMIZE SHELF LIFE.

Other precautions:

AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

HEALTH DATA

TOXICIT

BONDS TO SKIN RAPIDLY AND STRONGLY. SKIN AND EYE IRRITANT.
ESTIMATED ORAL LD60 MORE THAN 5000MG/KG. ESTIMATED DERMAL LD50
MORE THAN 2000MG/KG

PRIMARY

NOT AVAILABLE

SIGNS AND SYMPTOMS OR EXPOSURRE

VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES ABOVE TLV.
PROLONGED AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE
ALIERGIC REACTIONS WITH ASTHMA-LIKE SYMPTOMS IN SENSITIVE
INDIVIDUALS.

Transportation by Air Cargo

ACCORDING TO I.A.T.A TRANSPORTATION RULES, THIS GOODS ISN'T BELONGING TO
THE DANGEROUS GOODS.

Memo

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