

I. Chemical Product And Company Data

PRODUCT: Cyanoacrylate Adhesive
CHEMICALFAMILY: Acrylate
REVISION DATE: JAN 2010
DOCUMENT ID : CYANO-ADHESIVE , VERSION 1.0
MANUFACTURER: LymTal International, Inc.
4150 S. Lapeer Rd. Orion, MI 48359

Health	2
Flammability	2
Reactivity	1
Personal Protection	H

II. Composition / Information On Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

HAZARDOUS INGREDIENTS	CAS NO	EXPOSURE LIMITS			CONTENT
		TLV	STEL	PEL	
Ethyl-2-cyanoacrylate	7085-85-0	N/A	N/A	N/A	97%
Others					3%

California Proposition 65 ingredients

None

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

III. Hazards Identification

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Eye and skin contact, breathing and ingestion.

Symptoms of Exposure

Skin Contact: Rapid polymerization will occur on skin with heat. With a large amount of skin burning may occur.
Eyes: Eye irritation and lachrymation will occur slightly.
Inhalation High vapor concentrations can induce nasal mucous, headache and giddiness.
Ingestion: Not expected to be a relevant route of exposure.

IV. First Aid Measures

<u>Inhalation</u>	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance
<u>Eyes</u>	Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
<u>Skin</u>	Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
<u>Ingestion</u>	Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

V. Fire Fighting Methods

HMIS Hazard Rating No. 2

Flash Point: 181 °F)

Method: T C.C.

General Hazard: Decomposition and combustion products may be toxic.

Auto-Ignition Temp.: No information available

Limits of Flammability

LEL: 1.7%

UEL: Not Available

Extinguishing Media

Use Carbon dioxide, or dry chemical.

Special Fire & Unusual Hazards

At higher temperatures vapors can cause pressure build up in a sealed container. Vapors heavier than air can concentrate, travel to source of ignition, and flash back. Residue in containers can ignite explosively. Vapors generated during a fire are irritating. Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side avoid spraying water directly into the containers due to danger of boil over. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate area, eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in manner which complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

VII. Handling And Storage

Average Shelf Life:

Refer to Product Data Sheet

Special Instructions

Store in a cool dry place away from heat open flames or sources of sparks. Keep container closed when not in use. Avoid high humidity, high temperatures, ultraviolet light and avoid storage with primers.

VIII. Exposure Controls / Personal Protection

Ventilation: Normal air exchange. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV

ceilings or TWA, use NIOSH approved respirators for listed hazard. Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

IX. Physical And Chemical Properties

Boiling Point (°F):	149	Water/Oil Distribution Coefficient:	N/A
Percent Volatile:	< 5 g / L (VOC)	Solubility in Water:	Insoluble
Freezing Point (°F):	-22	Specific Gravity @20° C	1.05
Vapor Pressure @ 20° C	0.17	pH:	N/A
Vapor Density	4.34	Evaporation Rate:	0.15
Odor Threshold:	N/A	Odor:	Slight
Appearance:	Clear liquid		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

X. Stability And Reactivity

HMIS Hazard Rating No. 1

Stability

Unstable avoid high humidity, high temperatures and ultraviolet light.

Incompatibility:

Strong bases, basic compounds.

Hazardous Decomposition Products

Oxides of Carbon; Decomposition and Combustion products may be toxic.

Conditions To Avoid

Avoid source of ignition and contamination.

XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, skin and eyes.

Effects Of Overexposure

Inhalation:

High vapor concentrations can induce nasal mucous, headache and giddiness.

Eyes:

Contact can cause severe irritation, redness, tearing and lachrymation.

Skin Contact:

May cause moderate skin irritation and or burning on large areas.

Ingestion:

May cause permanent damage to the mouth throat and stomach.

XII. Ecological Information

Marine Pollutant: NL

(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

XIII. Disposal Considerations

Handle disposal of waste material in manner which complies with all applicable local, state, provincial and federal regulations.

XIV. Transport Information

DOT SHIPPING INFORMATION

DOT Proper Shipping Name NOT REGULATED

XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	See section II
CERCLA/ Super fund (40 CFR 117,302)	N/A
SARA Extremely Hazardous Substances (40 CFR 355)	N/A
SARA Hazard Categories (40 CFR 370)	N/A
SARA Toxic Chemicals (40 CFR 372)	None
Inventory Status	The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

XVI. Other Information

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, LymTal INTERNATIONAL INC. CAN NOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.

REVISION NOTES : _____.