

MATERIAL SAFETY DATA SHEET

Vinyl Acetate, Stabilized

Section 1 - Chemical Product and Company Identification

MSDS Name:	Vinyl Acetate, Stabilized
Synonyms:	
Company Identification: (INDIA)	Veritas House, 70 Mint Road, Fort, Mumbai - 400 001. INDIA
For information in the INDIA, call:	Tel: +91 - 22 - 2275 5555 / 6184 0000, Fax: +91 - 22 - 2275 5556 / 6184 0001

Section 2 - Composition, Information on Ingredients

CAS#	Chemical Name:	%	EINECS#
108-05-4	Vinyl acetate, stabilized	99+%	203-545-4

Hazard Symbols:	F
	
Risk Phrases:	11

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Highly flammable.

Potential Health Effects

Eye:	Causes mild eye irritation. Causes redness and pain. Lachrymator (substance which increases the flow of tears).
Skin:	May be absorbed through the skin. Causes redness and pain. May cause skin irritation and possible burns. May cause blistering of the skin.
Ingestion:	Aspiration hazard. May cause nausea and vomiting.
Inhalation:	Harmful if inhaled. May cause severe throat irritation. May cause headache. May cause respiratory difficulty and coughing.
Chronic:	Chronic ingestion may cause liver damage. Repeated inhalation may cause chronic bronchitis. Prolonged exposure may produce a narcotic effect. Repeated exposure may cause central nervous system damage.

Section 4 - First Aid Measures

Eyes:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin:	Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation:	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Section 5 - Fire Fighting Measures

General Information:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Containers may explode in the heat of a fire. Flammable liquid and vapor. May form explosive peroxides.
Extinguishing Media:	Use water spray to cool fire-exposed containers. Use dry chemical, carbon dioxide, or alcohol-resistant foam. DO NOT USE WATER!

Section 6 - Accidental Release Measures

General Information:	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks:	Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool.

Section 7 - Handling and Storage

Handling:	Use spark-proof tools and explosion proof equipment. Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Take precautionary measures against static discharges. Use only in a chemical fume hood.
Storage:	Keep away from sources of ignition. Do not store in direct sunlight. Store in a tightly closed container. Store in a dry area. Refrigerator/flammables. May form explosive peroxides on prolonged storage.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:	Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.
Exposure Limits	
	CAS# 108-05-4:
	Belgium - TWA: 10 ppm VLE; 36 mg/m ³ VLE Belgium - STEL: 15 ppm VLE; 54 mg/m ³ VLE
	France - VME: 10 ppm VME; 30 mg/m ³ VME
	Germany: 10 ppm TWA; 36 mg/m ³ TWA
	Malaysia: 10 ppm TWA; 35 mg/m ³ TWA
	Netherlands: 5 ppm MAC; 18 mg/m ³ MAC
	Russia: 10 mg/m ³ TWA (vapour)
	Spain: 10 ppm VLA-ED; 36 mg/m ³ VLA-ED Spain: 15 ppm VLA-EC; 54 mg/m ³ VLA-EC

Personal Protective Equipment

Eyes:	Wear chemical splash goggles.
Skin:	Wear appropriate protective gloves to prevent skin exposure.
Clothing:	Wear appropriate protective clothing to prevent skin exposure.
Respirators:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN

149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State:	Clear liquid
Color:	clear colorless
Odor:	sweetish odor - sharp odor
pH:	7 (20g/L (20°C))
Vapor Pressure:	117mbar @20 deg C
Viscosity:	0.43 cPs @20 deg C
Boiling Point:	72 - 73 deg C @760mmHg
Freezing/Melting Point:	-93 deg C (-135.40°F)
Autoignition Temperature:	385 deg C (725.00 deg F)
Flash Point:	(-) 8 deg C (17.60 deg F)
Explosion Limits: Lower:	2.6 Vol %
Explosion Limits: Upper:	14 Vol %
Decomposition Temperature:	Not available
Solubility in water:	23 g/l (20°C)
Specific Gravity/Density:	0.930 g/cc
Molecular Formula:	C4H6O2
Molecular Weight:	86.09

Section 10 - Stability and Reactivity

Chemical Stability:	Stable under normal temperatures and pressures. Light sensitive.
Conditions to Avoid:	High temperatures, incompatible materials, light, ignition sources.
Incompatibilities with Other Materials	Oxidizing agents, acids, bases, aluminum, peroxides, rubber, oxygen, ozone, acid anhydrides, oleum, silica gel.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide.
Hazardous Polymerization	May occur.

Section 11 - Toxicological Information

RTECS#:	CAS# 108-05-4: AK0875000
LD50/LC50:	RTECS: CAS# 108-05-4: Inhalation, mouse: LC50 = 1550 ppm/4H; Inhalation, rabbit: LC50 = 2500 ppm/4H; Inhalation, rat: LC50 = 11400 mg/m ³ /4H; Oral, mouse: LD50 = 1600 mg/kg; Oral, rat: LD50 = 2900 mg/kg; Skin, rabbit: LD50 = 2335 mg/kg; Other:
Carcinogenicity:	Vinyl acetate, stabilized - ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans IARC: Group 2B carcinogen
Other:	Mutagenicity: Ames-test: negative. See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Ecotoxicity:	Fish: Bluegill/Sunfish: 18ppm; 96H; TLm
Other:	Biodegradable.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

	IATA	IMO	RID/ADR
Shipping Name:	VINYL ACETATE, STABILIZED	VINYL ACETATE, STABILIZED	VINYL ACETATE, STABILIZED
Hazard Class:	3	3	3
UN Number:	1301	1301	1301
Packing Group:	II	II	II

USA RQ: CAS# 108-05-4: 5000 lb final RQ; 2270 kg final RQ

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: F
Risk Phrases:
➤ R 11 Highly flammable.
Safety Phrases:
➤ S 16 Keep away from sources of ignition - No smoking.
➤ S 23 Do not inhale gas/fumes/vapour/spray.
➤ S 29 Do not empty into drains.
➤ S 33 Take precautionary measures against static discharges.
WGK (Water Danger/Protection)
➤ CAS# 108-05-4: 2
Canada
➤ CAS# 108-05-4 is listed on Canada's DSL List
US Federal
➤ TSCA
➤ CAS# 108-05-4 is listed on the TSCA Inventory.

Section 16 - Other Information

MSDS Creation Date:	July 26, 2015
Revision #1 Date	

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