



FormFill Solvent, 4 fl. oz. Bottle

GENERAL SPECIFICATIONS

PRODUCT IDENTIFICATION

Product Name:	FormFill Solvent
Other Names:	Acetone
Manufacturers code:	SLA3502
U. N. Classification:	1090
Packaging Group:	2
Dangerous Goods Class:	3
Hazchem Code:	3
Product Use:	Chemical Intermediate

PHYSICAL DATA

Appearance:	Colorless liquid
Boiling Point:	133° F
Melting Point:	-137.2° F
Specific Gravity:	0.79
Molecular Weight g/mole:	58.08
pH:	7
Odor:	Sweet, pungent
Odor Threshold:	62 ppm
Vapor Pressure (mm Hg @20° C):	181
Solubility in Water:	Complete
Volatile (wt %)	100%

INGREDIENTS

Chemical Entity	CAS	Exposure Limits
ACGIH	67-64-1	STEL 750 ppm
ACGIH	67-64-1	TWA 500 ppm
OSHA	67-64-1	TWA 1,000 ppm

Emergency Overview:

Danger! Extremely flammable liquid and vapor. Vapors may cause flash fire or explosion. Harmful if inhaled. Vapor concentrations may cause drowsiness. Causes skin and eye irritation. Harmful if swallowed. May cause target organ or system damage to the following: Eye, skin, respiratory system, central nervous system.

HEALTH & FIRST AID

Pre-existing Medical Conditions: The following diseases or disorders may be aggravated by exposure to this product: Skin, eye, lung (asthma-like conditions).

Chronic Exposure

Chronic Exposure	Effects of Exposure
Skin:	Moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). LD50 mg/kg Rabbit, 20,000 Draize Skin Score: no data Out of 8.0 Contact with the eye may cause moderate to severe irritation.
Eyes:	High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headache, paralysis and loss of consciousness and even death). High vapor concentrations are irritating to the eyes, nose, throat and lungs.
Inhalation:	LC50 (mg/1) no data LC50 (mg/m ³) Rat 8 hrs. 50,000 LC50 (ppm) no data
Swallowed/Ingestion:	Product may be harmful or fatal if swallowed. Pulmonary aspiration hazard. After ingestion, may enter lungs and produce damage. May produce central nervous system effects, which may include dizziness, loss of balance and coordination, unconsciousness, coma and even death. LD50 (g/kg) Rat 5.8

PRECAUTIONS FOR USE & PROTECTION

Respiratory Protection:	Concentrations in air determines the level of respiratory protection needed. Use only NIOSH certified respiratory equipment. Half-mask air purifying respirator with organic vapor cartridges is acceptable for exposure to ten (10) times the exposure limit. Full-face air purifying respirator with organic vapor cartridges is acceptable for exposures to fifty (50) times the exposure limit. Exposure should not exceed the cartridge limit of 1000 ppm. Protection by air purifying respirators is limited. Use a positive pressure-demand full-face supplied air respirator or SCBA for exposures greater than fifty (50) times the exposure limit. If exposure is above the IDLH (Immediately Dangerous to Life and Health) or there is a possibility of an uncontrolled release, or exposure levels are unknown, then use a positive pressure-demand full-face air respirator with escape bottle or SCBA. Wear a NIOSH approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.
Eye/Face Protection:	Splash proof chemical goggles or full-face shield recommended to protect against splash of product.
Clothing/Gloves:	The glove(s) list below may provide protection against permeation. Gloves or other chemically resistant materials may not provide adequate protection. Protective gloves are recommended to protect against contact with product. Neoprene, Natural rubber.
Engineering Controls:	Use with adequate ventilation. Ventilation is normally required when handling or using this product to keep exposure to airborne contaminants below the exposure limit. Use explosion proof ventilation equipment.
Other:	The following materials are acceptable for use as protective clothing: Neoprene, Natural rubber. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Remove contaminated clothing and wash before reuse.
Storage Conditions:	Keep away from heat, sparks and flame. Store in a cool, dry place. Keep container closed when not in use.
Handling Procedure:	Use only in a well-ventilated area. Ground and bond containers when transferring material. Avoid breathing (dust, vapor, mist, gas). Avoid contact with this material. Wash thoroughly after handling. Do not use air pressure to unload containers.
Spill and Leak Procedure:	Prevent ignition, stop leak and ventilate the area. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Use appropriate personal protective equipment as stated in Section VIII of this MSDS. Advise the Environmental Protection Agency (EPA) and appropriate state agencies, if required. U.S. regulations require reporting spills of this material could that reach any surface waters. The toll-free number for the U.S. Coast Guard National Response Center is (800) 424-8802. After removal, flush contaminated area thoroughly with water.
Waste Disposal:	Follow federal, state and local regulations. In Canada, follow federal, provincial and local regulations. This material is a RCRA hazardous waste. DO NOT flush material to drain or storm sewer. Contract to authorized disposal service.
Ecological Information:	This product is not expected to persist in the environment.



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