

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
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MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I	
MANUFACTURER'S NAME SANFORD CORPORATION	EMERGENCY TELEPHONE NO. (312) 547-6650
ADDRESS (Number, Street, City, State, and ZIP Code) 2740 Washington Blvd., Bellwood, Ill. 60104	
CHEMICAL NAME AND SYNONYMS Cleaner	TRADE NAME AND SYNONYMS Sanford's Solvене
CHEMICAL FAMILY Solvent	FORMULA PROPRIETARY

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SECTION II - HAZARDOUS INGREDIENTS					
PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	-		BASE METAL	-	
CATALYST	-		ALLOYS	-	
VEHICLE	-		METALLIC COATINGS	-	
SOLVENTS 111. Trichloroethane 95-100	-	350ppm	FILLER METAL PLUS COATING OR CORE FLUX	-	
ADDITIVES	-		OTHERS	-	
OTHERS	-				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA			
BOILING POINT (°F.)	165	SPECIFIC GRAVITY (H ₂ O=1)	1.3
VAPOR PRESSURE (mm Hg.)	100	PERCENT VOLATILE BY VOLUME (%)	100
VAPOR DENSITY (AIR=1)	4.5	EVAPORATION RATE (Ether=1)	2.6
SOLUBILITY IN WATER	NIL		
APPEARANCE AND ODOR	Clear Liquid, Typical Solvent Odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (Method used) Not applicable	FLAMMABLE LIMITS	Lel 6.7	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Permissible exposure level: 350ppm
EFFECTS OF OVEREXPOSURE Eyes-Severe irritation, blurred vision; Skin - Moderate irritation; Breathing - Irritation, dizziness, nausea, headache; Ingestion - Nausea, vomiting.
EMERGENCY AND FIRST AID PROCEDURES Eyes - Flush with water, see Doctor; Skin-Wash thoroughly with soap and water; Ingestion-Do NOT induce vomiting, call Doctor; Inhalation-Remove to fresh air, call Doctor if symptoms persist.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Avoid contact with water.			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Ventilate area, contain with absorbent material.
WASTE DISPOSAL METHOD Allow volatile to evaporate in hood. Dispose of remainder in accordance with all applicable regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) If PEL exceeded, use NIOSH/MSHA approved respirator.		
VENTILATION	LOCAL EXHAUST Acceptable	SPECIAL
	MECHANICAL (General) Acceptable	OTHER
PROTECTIVE GLOVES Polyvinyl Alcohol, polyethelene	EYE PROTECTION Goggles or OSHA approved glasses.	
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Avoid contact with rubber or plastic.
OTHER PRECAUTIONS