

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

Form Approved  
OMB No. 44-R1387

# 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 <b>Chicago Adhesive Products Company</b>		EMERGENCY TELEPHONE NO. <b>312-581-1300</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>4658 W. 60th Street, Chicago, IL 60629</b>		
CHEMICAL NAME AND SYNONYMS <b>3116 Solvent</b>		TRADE NAME AND SYNONYMS
CHEMICAL FAMILY	FORMULA <b>Proprietary</b>	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS <b>1,1,1-Trichlorethane</b>	<b>97.5</b>	<b>350ppm</b>	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.)	<b>165</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.29</b>
VAPOR PRESSURE (mm Hg.) @ 20°C	<b>100</b>	PERCENT, VOLATILE BY VOLUME (%)	<b>99.5</b>
VAPOR DENSITY (AIR=1)	<b>4.5</b>	EVAPORATION RATE (_____ %)	<b>5.5</b>
SOLUBILITY IN WATER	<b>Negligible</b>		
APPEARANCE AND ODOR	<b>Thin viscosity liquid</b>		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<b>None</b>	FLAMMABLE LIMITS	Let	Uet
EXTINGUISHING MEDIA				
SPECIAL FIRE FIGHTING PROCEDURES	<b>None</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS	<b>None</b>			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

350 ppm

EFFECTS OF OVEREXPOSURE

Slight anesthetic effect may occur in range of 500-1000 ppm. At higher concentrations, dizziness, central nervous system depression may occur.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air; keep warm and quiet; if breathing has stopped, give artificial respiration, and summon medical aid.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Vapor laden air should not be permitted to contact open flames, extremely hot surfaces or welding arc
	STABLE		

INCOMPATIBILITY (Materials to avoid)

Water-slow hydrolysis produces small amounts of corrosive acid.

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

Return material to closed containers. Ventilate area.

WASTE DISPOSAL METHOD

Bury or allow solvent to evaporate at safe distance

from habitation.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) None required when used in adequately ventilated area. Hydrocarbon vapor canister or self-contained breathing apparatus if needed.

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

Provide to control TLV

OTHER

PROTECTIVE GLOVES

Not normally required

EYE PROTECTION

Not normally required

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Close container after use.

OTHER PRECAUTIONS

Avoid breathing vapors over 350 ppm for extended periods or peak concentrations over 550 ppm