

# MATERIAL SAFETY DATA SHEET

000301

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

## SECTION I

MANUFACTURER'S NAME <b>SPRAY PRODUCTS CORPORATION</b>		EMERGENCY TELEPHONE NO. <b>215/277-1010</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>P.O. BOX 737, NORRISTOWN, PA 19404</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>FIXATIF #471</b>
CHEMICAL FAMILY	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	21		BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS	64	**	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS	PROPANE	15			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
**E.E. ACETATE				3	
MIBK				7	
ACETONE				33	
METHYLENE CHLORIDE				9	
TOLUENE				12	

- 64

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	-43.7	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	.801
VAPOR PRESSURE (mm Hg.)	70	PERCENT, VOLATILE BY VOLUME (%)	85
VAPOR DENSITY (AIR=1)	1.28	EVAPORATION RATE (_____ =1)	8.6
SOLUBILITY IN WATER	MODERATE		
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	T.C.C. -138 <sup>0</sup> F.	FLAMMABLE LIMITS	2.2 <sup>LeI</sup>	8.9 <sup>UeI</sup>
EXTINGUISHING MEDIA	FOAM, CO <sub>2</sub> , DRY CHEMICALS			
SPECIAL FIRE FIGHTING PROCEDURES	HANDLE AS EXTREMELY FLAMMABLE LIQUID.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120 <sup>0</sup> F.			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	700 P.P.M.
EFFECTS OF OVEREXPOSURE	ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS, "HANGOVER", AND RECOVER
EMERGENCY AND FIRST AID PROCEDURES	REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	SPARKS, OPEN FLAME
INCOMPATIBILITY (Materials to avoid)			
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	
AVOID OPEN FLAME OR SPARK SOURCE / PROVIDE ADEQUATE VENTILATION	
WASTE DISPOSAL METHOD	
EVAPORATE OR FLUSH WITH WATER. REMOVE TO CONTAINER	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)	NORMALLY NOT REQUIRED	
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	DESIRABLE
PROTECTIVE GLOVES	NORMALLY NOT REQUIRED	EYE PROTECTION NORMALLY NOT REQUIRED
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120°F. KEEP FROM OPEN FLAME OR SPARK.
OTHER PRECAUTIONS	DO NOT PUNCTURE OR INCINERATE CAN.