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

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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 E. I. du Pont de Nemours & Co., Inc.	EMERGENCY TELEPHONE NO. (302) 774-2421
ADDRESS *(Number, Street, City, State, and ZIP Code)* Du Pont, F&F Wilmington, Delaware 19898	
CHEMICAL NAME AND SYNONYMS N.A.	TRADE NAME AND SYNONYMS N.A.
CHEMICAL FAMILY TEFLON™ WET LUBRICANT AEROSOL	FORMULA 6617 N (820218)

SECTION II—HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		PPM	BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS ALIPHATIC HYDROCARBON	42	500	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS			Approximate		

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
PROPELLANT:		
ISOBUTANE 94% (MINIMUM)	25	UNK.
PROPANE 5% (MAXIMUM)		
N-BUTANE 6% (MAXIMUM)		

SECTION III—PHYSICAL DATA

BOILING POINT (°F.) Approx. Range	302-392	SPECIFIC GRAVITY (H_2O = 1)	0.820
VAPOR PRESSURE (mm Hg.) Principal Solvent	2	PERCENT, VOLATILE BY VOLUME (%)	54.7
VAPOR DENSITY (AIR = 1) Principal Solvent	4.9	EVAPORATION RATE (Ether = 1) Slower than	Ether
SOLUBILITY IN WATER	NEGLIGIBLE		
APPEARANCE AND ODOR	AEROSOL MIST WHEN SPRAYED; MILD SOLVENT ODOR		

SECTION IV—FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
FLAMMABLE GAS	Approximate	N.A.	N.A.

EXTINGUISHING MEDIA Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES
Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.

UNUSUAL FIRE AND EXPLOSION HAZARDS
N.A.

(Continued on reverse side)

*PHYSICAL DATA APPLIES TO CONCENTRATE (LESS PROPELLANT)

SECTION V—HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
See Section II

EFFECTS OF OVEREXPOSURE
Headache, nausea, impairment of reaction time and coordination.

EMERGENCY AND FIRST AID PROCEDURES
Inhalation—Move to fresh air to restore breathing.

Skin contact—Wash with soap and water. Remove contaminated clothing.

Eye contact—Flush with water for at least 15 minutes; call a physician.

SECTION VI—REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	N.A.

INCOMPATIBILITY *(Materials to avoid)*
None reasonably foreseeable

HAZARDOUS DECOMPOSITION PRODUCTS
CO, CO_2, Smoke

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	N.A.

SECTION VII—SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Avoid prolonged contact with skin and breathing of vapor.

Remove sources of ignition. Remove with inert absorbent and non-sparking tools.

Ventilate area.

WASTE DISPOSAL METHOD
Disposal method must comply with Local, State, and Federal Regulations.

SECTION VIII—SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
Use adequate ventilation. A cartridge-type respirator, used in accordance with the manufacturer directions is recommended if engineering and administrative controls of air contaminants is not feasible.

VENTILATION	LOCAL EXHAUST Provide sufficient ventilation to keep	SPECIAL Remove sources of ignition
	MECHANICAL *(General)* below given TLV & LEL	OTHER N.A.

PROTECTIVE GLOVES Use for prolonged or repeated contact	EYE PROTECTION Use safety eyewear to prevent splashes

OTHER PROTECTIVE EQUIPMENT
Use appropriate industrial hygiene practices

SECTION IX—SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Keep away from heat, sparks, and open flame. Close container after each use.

Do not store above 120°F. DO NOT PUNCTURE CAN OR INCINERATE

OTHER PRECAUTIONS
Wash thoroughly after handling and before eating or smoking.

Observe Label Precautions. Containers should be grounded when pouring.

NOTICE FROM DU PONT

"The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process."

B&D FORM 9110

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