

MATERIAL SAFETY DATA SHEETS
FOR COATINGS, RESINS AND RELATED MATERIALS
(APPROVED BY U. S. DEPARTMENT OF LABOR)

SECTION I

(PAGE 1 OF 3)

Manufacturers Name: DAYTON ELECTRIC MFG. CO. Emergency Phone No: 312/647-0124
Street Address: 5959 WEST HOWARD STREET

City, State, and Zip Code: CHICAGO, IL Code Identification: 4X593-A
60648 Rev. Date: 07/30/86

Product Class (AEROSOL) COATINGS Date: 08/15/86
Trade Name: 4X593-A BLUE LAYOUT FLUID Lab No.: 24773

SECTION II - HAZARDOUS INGREDIENTS

* INGREDIENT	* PERCENT	* PEL PPM	* TLV PPM	* TLV MG/M3	* LEL	* CAS NUMBER
*DIOCTYL PHTHALATE	* 56.4028	* N/E	* N/E	* 5.00	* NONE	* 00117-84-0
*TOLUENE	* 10	* 200	* 100	* 375.00	* 1.2	* 00108-88-3
*XYLENE	* <5	* 100	* 100	* 435.00	* 1.1	* 01330-20-7
*METHYL ETHYL KETONE	* 20	* 200	* 200	* 590.00	* 1.8	* 00078-93-3
*METHYL ISOBUTYL KEYTONE	* <5	* 100	* 50	* 410.00	* 1.4	* 00108-10-1
*ISOBUTYL ALCOHOL	* <5	* 100	* 50	* 150.00	* 1.7	* 00078-83-1
*NORMAL BUTYL ALCOHOL	* <5	* 100	* 50	* 150.00	* 1.4	* 00071-36-3
*ACETONE	* 15	* 1000	* 750	* 1780.00	* 2.6	* 00067-64-1
*ETHYL -ETHOXYPROPIDNATE	* <5	* N/E	* 50	* N/E	* 1.0	* 00763-69-9
*METHYLENE CHLORIDE	* 20	* 500	* 100	* 360.00	* NONE	* 00075-09-2
*A ISOBUTANE	* 10	* 1000	* 1000	* 1800.00	* 1.8	* 00075-28-5
*A PROPANE	* 10	* 1000	* 1000	* 1800.00	* 2.3	* 00074-98-6
*AEROSOL - CONTENTS UNDER PRESSURE						55 +/- 5 PSIG

*Carcinogenicity: THIS PRODUCT IS CONSIDERED TO BE A CARCINOGEN BY THE
* NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR
* THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
* "SUSPECTED IN ANIMALS"

SECTION III - PHYSICAL DATA

Boiling Range: PROPELLANT BELOW 0.0 F Vapor Density: HEAVIER THAN AIR

EVAPORATION RATE FASTER THAN ETHER Percent Volatile Weight Per
*PROPELLANTS By Weight: 95 Gallon: N.A.

Customer No: 05080

Name: DAYTON ELECTRIC MFG. CO.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

(PAGE 2 OF 3)

DOT Category: CONSUMER COMMODITY Flash Point: PROPELLANT BELOW 20 F LEL: SEE
ORM-D (T.O.C.) SECTION II
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Unusual Fire and

Explosion Hazards: DO NOT SPRAY NEAR OPEN FLAME. KEEP AT ROOM TEMPERATURE AS
EXPOSURE TO DIRECT SUNLIGHT OR OTHER HEAT MAY CAUSE BURSTING.

Special Fire Fighting

Procedures: WATER MAY BE INEFFECTIVE - WATER MAY BE USED TO KEEP FIRE
EXPOSED CONTAINERS COOL.

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: (SEE SECTION II HAZARDOUS INGREDIENTS)

Effects of Overexposure: IN A CONFINED AREA VAPORS IN HIGH CONCENTRATION ARE
ANESTHETIC. IRRITANT TO SKIN AND UPPER RESPIRATORY SYSTEM. OVER-EXPOSURE MAY
RESULT IN LIGHT-HEADEDNESS, STAGGERING GAIT, GIDDINESS AND POSSIBLE NAUSEA.
HARMFUL OR FATAL IF SWALLOWED

Chronic: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND
NERVOUS SYSTEM DAMAGE.

Medical Conditions Prone to Aggravation by Exposure: NONE ESTABLISHED.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Emergency and First Aid Procedures:

Breathing: REMOVE PATIENT TO FRESH AIR.

Eyes: FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

Skin: WASH WITH SOAP AND WATER.

Swallowing: CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

Stability: STABLE Conditions to Avoid: DO NOT STORE ABOVE 120 F

Incompatibility (NONE)

Hazardous Decomposition Products By open flame: CARBON MONOXIDE, CARBON DIOXIDE,
HYDROGEN CHLORIDE, AND PHOSGENE GAS.

Hazardous Polymerization: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

REMOVE ALL SOURCES OF IGNITION, VENTILATE AVOID BREATHING VAPORS
AND REMOVE WITH INERT ABSORBENT

Waste disposal method:

DO NOT INCINERATE - DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS REGARDING POLLUTION.

Customer No: 05080 Name: DAYTON ELECTRIC MFG. CO. Lab No.: 24773

SECTION VIII - SPECIAL PROTECTION INFORMATION (PAGE 3 OF 3)

Respiratory Protection: AVOID BREATHING OF VAPOR OR SPRAY MIST

Ventilation: PROVIDE LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP TLV OF MOST HAZARDOUS INGREDIENTS IN SECTION II BELOW ACCEPTABLE LIMIT, AND LEL IN SECTION IV BELOW STATED LIMIT.

Protective Gloves: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT.

Eye Protection: FOR PROLONGED USE IN CLOSE QUARTERS RECOMMEND SAFETY GLASSES WITH UNPERFORATED SIDESHIELDS.

Other Protective Equipment:

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:

DO NOT STORE ABOVE 120 F. KEEP AT ROOM TEMPERATURE AS EXPOSURE TO DIRECT SUNLIGHT OR HEAT MAY CAUSE BURSTING.

Other Precautions: KEEP AWAY FROM CHILDREN. DO NOT PUNCTURE OR INCINERATE. DO NOT SPRAY NEAR FIRE OR OPEN FLAME.

SECTION X HAZARDOUS MATERIAL IDENTIFICATION

COMMUNICATION OF PHYSICAL PROPERTY, HEALTH, AND SAFETY INFORMATION IS A KEY FACTOR IN OUR PRODUCT SAFETY PROGRAM. WITH THIS INFORMATION YOU CAN BETTER FULFILL YOUR OBLIGATION TO EDUCATE EXPOSED PERSONNEL IN THE PROPER HANDLING TECHNIQUES REQUIRED TO MAINTAIN SAFETY IN THE WORKPLACE. LISTED IN THIS SECTION IS NPCA-HMIS CLASSIFICATION FOR THIS PRODUCT.

HMIS. CLASSIFICATION CODE

Health: 2* MODERATE HAZARD
Flammability: 4 SEVERE HAZARD
Reactivity: 0 MINIMAL HAZARD
Personal protection: E SAFETY GLASSES, GLOVES, DUST RESPIRATOR

* - CHRONIC EFFECTS MAY BE PRESENT. SEE SUPERVISOR FOR FURTHER INFORMATION.

THE ABOVE INFORMATION PERTAINS TO THIS PRODUCT AS CURRENTLY FORMULATED, AND IS BASED ON THE INFORMATION AVAILABLE AT THIS TIME. ADDITION OF REDUCERS OR OTHER ADDITIVES TO THIS PRODUCT MAY SUBSTANTIALLY ALTER THE COMPOSITION AND HAZARDS OF THE PRODUCT. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.