

MATERIAL SAFETY DATA SHEETS  
FOR COATINGS, RESINS AND RELATED MATERIALS  
APPROVED BY U. S. DEPARTMENT OF LABOR ESSENTIALLY SIMILAR TO FORM OSHA-20

SECTION I

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MANUFACTURERS NAME: DAYTON ELECTRIC MFG. CO.  
STREET ADDRESS: 5959 WEST HOWARD STREET

EMERGENCY PHONE NO: 312/647-0124

CITY, STATE, AND ZIP CODE: CHICAGO, IL  
60648

CODE IDENTIFICATION: 4X590-A

PRODUCT CLASS (AEROSOL) COATINGS  
TRADE NAME: ~~DAYTON IMPROVEMENT ORANGE~~

DATE: 02/04/86  
LAB NO.: 25670

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	* PERCENT *	* PPM *	TLV * MG/M *	* LEL *	* CAS NUMBER *
* XYLENE	* 10 *	* 100 *	* *	* 1.1 *	* 01330-20-7 *
* TOLUENE	* 15 *	* 100 *	* *	* 1.2 *	* 00108-88-3 *
* MEK	* 15 *	* 200 *	* *	* 1.8 *	* 00078-93-3 *
* ETHYL -ETHOXYPROPIONATE	* <5 *	* 50 *	* *	* 1.0 *	* 00763-69-9 *
* METHYLENE CHLORIDE	* 15 *	* 100 *	* *	* NONE *	* 00075-09-2 *
* A ISOBUTANE	* 15 *	* 1000 *	* *	* 1.8 *	* 00075-28-5 *
* A PROPANE	* 15 *	* 1000 *	* *	* 2.3 *	* 00074-98-6 *

AEROSOL - CONTENTS UNDER PRESSURE

55 +/- 5 PSIG

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: 82 GALLON: N. A.

CUSTOMER NO: 05080

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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IT CATEGORY: CONSUMER COMMODITY FLASH POINT: PROPELLANT BELOW 20 F LEL: SEE  
ORM-D-AIR (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.

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 (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS BY OPEN FLAME: CARBON MONOXIDE, CARBON DIOXIDE  
HYDROGEN CHLORIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID

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

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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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: 3\*
FLAMMABILITY: 4
REACTIVITY: 0
PERSONAL PROTECTION: D

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.