

M A T E R I A L S A F E T Y

11/12/84

D A T A S H E E T
(SIMILAR TO OSHA-20)

V G Y 511

***** SECTION I *****

TRADE NAME/SYNONYMS
N.A.MANUFACTURER
E. I. DU PONT DE NEMOURS & CO., INC
F & FP DEPARTMENT
WILMINGTON, DE 19898TELEPHONE
(800) 441 7515

CHEMICAL FAMILY

ACTIVATOR/CLEAR

FORMULA

V G Y 511

840710

***** SECTION II - HAZARDOUS INGREDIENTS *****

SOLVENT	APPROX WT %	TLV (PPM)
ALIPHATIC ESTER	22	150
TOLUENE ✓	6	100
ETHER ESTER	21	100
XYLENE ✓	5	100
AROMATIC PET DIST	2	25
POLYISOCYANATE	NOTE 1	44.50 UNK

1 NOTE ✓ FREE HEXAMETHYLENE DIISOCYANATE
LESS THAN 0.2%.

***** SECTION III - PHYSICAL DATA *****

APPROX BOILING RANGE (F)

168- 350

VAPOR PRESSURE PRINCIPAL SOLVENT (MM HG)

72.80

VAPOR DENSITY PRINCIPAL SOLVENT (AIR=1)

3.00

SOLUBILITY IN WATER

SLIGHT

APPEARANCE AND ODOR

SEMI-VISCOUS LIQUID WITH CHARACTERISTIC ODOR

SPECIFIC GRAVITY (WATER=1)

1.010

PERCENT VOLATILE BY VOLUME

61.56

EVAPORATION RATE

SLOWER THAN ETHER

***** SECTION IV - FIRE & EXPLOSION HAZARD DATA *****

FLASH POINT (METHOD)
BETWEEN 20 - 73 F (CC)

APPROX FLAMMABLE LIMITS

LEL
1.10UEL
15.00

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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.

UNUSUAL FIRE AND EXPLOSION HAZARDS

WARNING - VAPOR AND SPRAY MISTS ARE HARMFUL

***** SECTION V - HEALTH HAZARD DATA *****

EFFECTS OF OVEREXPOSURE

COUGHING, CHEST PAINS, AND BREATHING DIFFICULTY MAY OCCUR. EARLY
SIGNS MAY BE MISTAKEN FOR A COLD.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION - MOVE TO FRESH AIR TO IMPROVE BREATHING
SKIN CONTACT - WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
EYE CONTACT - FLUSH WITH WATER FOR AT LEAST 15 MIN, CALL A PHYSICIAN.

***** SECTION VI - REACTIVITY DATA *****

STABILITY

STABLE

CONDITIONS TO AVOID

DO NOT MIX ENAMEL & ACTIVATOR UNTIL
READY TO USE

INCOMPATIBILITY (MATERIALS TO AVOID)

NONE REASONABLY FORESEEABLE

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO₂, SMOKE, NITROGEN, & OXIDES OF NITROGEN

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

CONDITIONS TO AVOID FOR HAZARDOUS POLYMERIZATION

N.A.

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

AVOID BREATHING VAPORS AND SPRAY MIST. REMOVE IGNITION SOURCES.
ABSORB WITH INERT MATERIAL. VENTILATE AREA.

WASTE DISPOSAL METHOD

DISPOSAL METHOD MUST COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS

***** SECTION VIII - SPECIAL PROTECTION INFORMATION *****

RESPIRATORY PROTECTION

USE NIOSH/MSHA TC-19C AIR LINE UNIT PREFERRED
OTHERWISE NIOSH/MSHA TC-23C VAPOR/PARTICULATE MAY BE SATISFACTORY

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VENTILATION: LOCAL & MECHANICAL
 PROVIDE SUFFICIENT
 VENTILATION TO KEEP BELOW TLV/LEL

VENTILATION: SPECIAL
 REMOVE IGNITION SOURCES

VENTILATION: OTHER
 N.A.

PROTECTIVE GLOVES
 USE TO AVOID CONTACT WITH SKIN

EYE PROTECTION
 USE SAFETY EYEWEAR

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. KEEP CONTAINERS CLOSED WHEN
 NOT IN USE. DO NOT STORE ABOVE 120 F. GROUND CONTAINER WHEN POURING

OTHER PRECAUTIONS
 ALLERGY-PRONE INDIVIDUALS MAY BECOME SENSITIZED AND SHOULD NOT BE
 EXPOSED TO ISOCYANATES. OBSERVE LABEL PRECAUTIONS.

NOTICE FROM DUPONT

THESE DATA RELATE ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND
 DO NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL