

VGY-511, IMRON POLYURETHANE ACTIVATORS AND

MSDS Number

BCCZX

National Stock Number

8010-00K001512

Product Name

VGY-511, IMRON POLYURETHANE ACTIVATORS AND

Manufacturer

DU PONT E I DE NEMOURS AND CO INC

Product Identification

Product ID: VGY-511, IMRON POLYURETHANE ACTIVATORS AND

MSDS Date: 06/15/1988

FSC: 8010

NIIN: 00K001512

MSDS Number: BCCZX

Responsible Party

DU PONT E I DE NEMOURS & CO INC

1007 MARKET STREET

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-3637 800-421-9300 CHEMTREC

Info Phone: 800-346-4748

Cage: 18873

Contractor

E.I. DUPONT DE NEMOURS & CO

WILMINGTON, DE 19898

US

800-441-7515; 800-441-9442

Cage: 18873

Ingredients

ETHER ESTER

Fraction By Weight: 28.0%

ACGIH TLV: 100PPM(PER MFR)

ALIPHATIC ESTER

Fraction By Weight: 15.0%

ACGIH TLV: 400PPM(PER MFR)

POLYISOCYANATE

Fraction By Weight: 43.8%

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 6.0%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 7.0%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE IRRITATION OR BURNING OF THE EYES. REPEATED OR PROLONGED LIQUID CONTACT MAY CAUSE SKIN IRRITATION WITH DISCOMFORT AND DERMATITIS. INHALATION MAY CAUSE NOSE AND THROAT IRRITATION, ASTHMA-LIKE REACTIONS. REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION ARE SIGNS OF SOLVENT LEVELS TOO HIGH. OVEREXPOSURE MAY CAUSE ASTHMA-LIKE REACTIONS, SHORTNESS OF BREATH, WHEEZING, COUGH OR PERMANENT LUNG SENSITIZATION. THIS MAY BE SEEN AS A DELAYED EFFECT. RECURRENT OVEREXPOSURE MAY RESULT IN LIVER AND KIDNEY INJURY.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES SHOULD NOT USE OR BE EXPOSED TO VAPORS OR SPRAY MIST OF THIS PRODUCT.

First Aid

First Aid:IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS LATER, CONSULT A PHYSICIAN. IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL A PHYSICIAN. IN CASE OF SKIN CONTACT, WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, CONTACT A PHYSICIAN.

Fire Fighting

Flash Point Method:CC

Flash Point:Lower Limits:0.9

Upper Limits:13.1

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:FULL FIRE FIGHTING PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED-BREATHING APPARATUS. WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS.

Unusual Fire/Explosion Hazard:WHEN HEATED ABOVE THE FLASH POINT, FLAMMABLE VAPORS ARE EMITTED. WHEN MIXED WITH AIR, THEY CAN BURN OR BE EXPLOSIVE. FINE MIST OR SPRAY MAY BE FLAMMABLE.

Accidental Release

Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT AND BREATHING OF VAPOR. USE A POSITIVE PRESSURE AIR RESPIRATOR (NIOSH/MSHA TC-19C OR NIOSH/MSHA TC-23C), EYE PROTECTION, IMPERMEABLE GLOVES AND PROTECTIVE CLOTHING. DEACTIVATE 10 MINUTE.
Neutralizing Agent: 20% SURFACTANT AND 80% WATER; OR 0-10% AMMONIA WITH 2-5% DETERGENT AND WATER.

Handling

Handling and Storage Precautions: OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS AND FLAME. CLOSE CONTAINERS AFTER USE. GROUND CONTAINERS WHEN POURING. DO NOT STORE ABOVE 120°F.
Other Precautions: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING AND SMOKING. DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATING WITHOUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

Exposure Controls

Respiratory Protection: FOR MIXING AND FOR BRUSH AND ROLL APPLICATION IN WELL VENTILATED AREAS, A NEGATIVE-PRESSURE VAPOR/PARTICULATE RESPIRATOR (NIOSH/MSHA TC-23C) CAN BE USED PROVIDED THE WEARER HAS BEEN PROPERLY FIT TESTED FOR THE RESPIRATOR.
Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.
Protective Gloves: NEOPRENE
Eye Protection: CHEMICAL TYPE GOGGLES ARE PREFERRED.
Other Protective Equipment: WEAR COVERALLS. DO NOT REUSE COVERALLS WHILE SOLVENT ODOR IS RETAINED IN THEM.
Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
DO NOT PERMIT ANYONE WITHOUT PROTECTION IN THE PAINTING AREA.

Chemical Properties

HCC: F3
Boiling Pt: B.P. Text: 170°F, 77°C
Vapor Density: > 1
Evaporation Rate & Reference: Solubility in Water: MODERATE
Appearance and Odor: SEMI-VISCOUS LIQUID WITH CHARACTERISTIC ODOR.
Percent Volatiles by Volume: 51

Stability

Stability Indicator/Materials to Avoid: YES
WATER, ALCOHOL, AMINES.
Stability Condition to Avoid: UNSEALED CONTAINERS. DO NOT MIX ENAMEL AND ACTIVATOR UNTIL READY TO USE.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, SMOKE.

Disposal

Waste Disposal Methods: CONSULT YOUR LOCAL ENVIRONMENTAL OFFICER. DO NOT ALLOW MATERIAL TO GET INTO GROUND WATER. INCINERATE ANY ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS. DO NOT INCINERATE CLOSED CONTAINERS. DO NOT SEAL WASTE FOR 48 HOURS.

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