
NIPOL CARBOXY ELASTOMERS, 1072

MSDS Number

BTXTP

National Stock Number

9320-00N046401

Product Name

NIPOL CARBOXY ELASTOMERS, 1072

Manufacturer

ZEON CHEMICALS INC

Product Identification

Product ID:NIPOL CARBOXY ELASTOMERS, 1072

MSDS Date:12/02/1991

FSC:9320

NIIN:00N046401

MSDS Number: BTXTP

Responsible Party

ZEON CHEMICALS INC

1701 GOLF RD

ROLLING MEADOWS , IL 60008

US

Emergency Phone: 800-735-3388

Info Phone: 708-437-9770

Cage: 0J3F9

Contractor

ZEON CHEMICALS L.P.

LOUISVILLE, KY 40211

US

800-735-3388/502-775-2000

Cage: 0J3F9

Ingredients

HELD AT PROCESS TEMPS FOR SHORT TIME W/OUT

RTECS: 999999ZZ

THAT EXPOS TO EITHER ELEVATED TEMP/EXCESSIVE TIME

RTECS: 999999ZZ

EXTENDED TIME PERIODS W/CMPD IN IT/DECOMP WILL

RTECS: 999999ZZ

CONTAMS, MAY BE COMBUST & SHOULD BE PERIODICALLY

RTECS: 999999ZZ

PROCESSING OPERATIONS AT YOUR WORKPLACE/YOUR

RTECS: 9999999ZZ

POLYMER BREAKDOWN EMITTING SMOKE & FUMES SHOULD

RTECS: 9999999ZZ

HANGUP/STAGNATION DURING PROCESSING MAY CAUSE

RTECS: 9999999ZZ

AVOID EXPOS, PROVIDE EMPLOYEES W/SUITABLE NIOSH/MSHA

RTECS: 9999999ZZ

ROUTINE INHAL. VENT MUST BE ADEQ TO MAINTAIN AMBIENT

RTECS: 9999999ZZ

ACRYLONITRILE (SARA III)

CAS: 107-13-1

RTECS: AT5250000

Fraction By Weight:

OSHA PEL2 PPM,10 PPM, C, S

ACGIH TLV: 2 PPM, S

EPA Report Quantity: 100 LBS

DOT Report Quantity: 100 LBS

1,3-BUTADIENE; (BUTADIENE) (SARA III)

CAS: 106-99-0

RTECS: EI9275000

Fraction By Weight:

OSHA PEL1000 PPM

ACGIH TLV: 10 PPM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

PHENOL, P-(TERT-BUTYL)-; (P-T-BUTYL PHENOL)

CAS: 98-54-4

RTECS: SJ8925000

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

ACRYLONITRILE/BUTADIENE/METHACRYLIC ACID POLYMER

CAS: 9010-18-5

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

ALIPHATIC HYDROCARBONS. COMBUST PRODS FROM

RTECS: 9999999ZZ

MUST BE CONSIDERED TOXIC.

RTECS: 9999999ZZ

CARCIN. CFR VOL 29, 1910.1045,

RTECS: 9999999ZZ

IARC CANCER REVIEW, IARC MONOGRAPHS,

RTECS: 9999999ZZ

ANTICIPATED TO BE CARCINOGEN.

RTECS: 9999999ZZ

DEPIGMENTATION OF SKIN(VITALIGO) ASSOC

RTECS: 9999999ZZ

OR COMBUST PRODS WILL CAUSE IRRIT OF RESP TRACT,

RTECS: 9999999ZZ

SHOULD BE REGARDED AS POTNTLY HAZ & MEASURES TAKEN

RTECS: 9999999ZZ

PHASE OF FIREFIGHTING OPERATIONS.

RTECS: 9999999ZZ

ON VARIABLES SUCH AS SPECIFIC FORMULATION &

RTECS: 9999999ZZ

WELL VENTED CNDTNS & AVOID CONTINUED/PRLNG BRTHG OF

RTECS: 9999999ZZ

AREAS. CLEAN UP FOLLOWING NORM PROCESSING SHOULD BE

RTECS: 9999999ZZ

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:OVEREXP IS NOT EXPECTED AT AMBIENT TEMPS. NO ADVERSE HLTH EFTS ARE EXPECTED DURING NORMAL PROCESSING WHEN POTNTL EXPOS ARE ELIM BY GOOD INDUS HYGIENE PRACT & WELL VENTILATED CNDTNS. AT PROCESSING TEMP S, COMBINED INGS MAY EMIT FUMES & VAPS THAT CAUSE IRRIT TO RESP TRACT, EYES &/OR SKIN. TYPICALLY, (EFTS OF OVEREXP)
Explanation of Carcinogenicity:ACRYLONITRILE:IARC MONOGRAPHS, SUPP, VOL 7, PG 79, 1987:GRP 2A. NTP 6TH ANNUAL RPT ON CARCINS, 1991:ANTIC TO BE (ING 7)
Effects of Overexposure:HLTH HAZ:THESE EFTS ARE REVERSIBLE UPON REMOVAL FROM EXPOS & NO LASTING EFTS ARE EXPECTED. MOST IMPORTANTLY, POTNTL FOR IRRIT WILL DEPEND ON EFTIVENESS OF EXHST VENT PROVIDED TO PROCESS AREA. PROD CON TAINS TRACE AMT OF P-T-BUTYL PHENOL AS COMPONENT OF ANTIOXIDANT PACKAGE. ALTHOUGH RARE, THERE ARE RPTS OF (ING 10)
Medical Cond Aggravated by Exposure:NONE KNOWN FOR PRODUCT AS DELIVERED.

First Aid

First Aid:IF IRRIT OCCURS/PERSISTS FROM ANY RTE OF EXPOS, REMOVE AFFECTED INDIVIDUAL FROM AREA. CALL MD. PROVIDE PROT BEFORE ALLOWING REENTRY. INGEST:CALL MD IMMED . EYE:FLUSH W/RUNNING WATER FOR AT LST 1 5 MINS WHILE HOLDING EYELIDS OPEN. CONSULT MD IF IRRIT PERSISTS. SKIN:REMOVE CONTAM CLTHG. WASH SKIN W/SOAP & WATER. INHAL:REMOVE AFFECTED INDIVIDUAL TO FRESH AIR. CONSULT MD IMMED.

Fire Fighting

Extinguishing Media:WATER, ABC DRY CHEM/PROTEIN TYPE AIR FOAMS ARE REC MEDIA. ELASTOMERS WOULD BE CONSIDERED "ORDINARY COMBUSTS". (SUPDAT)
Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . PERS NOT HAVING SUITABLE NIOSH/MSHA APPRVD RESP PROT MUST LEAVE AREA TO PVNT SIGNIFICANT EXPOS TO (SUPDAT)
Unusual Fire/Explosion Hazard:MOST ORG SUBSTANCES WHEN IN FORM OF FINE DUST/PWDR PRESENT DUST EXPLO HAZ. SPECIAL PRECS MUST BE TAKEN IF THESE ELASTOMERS ARE GROUND/OTHERWISE FORMED (SUPDAT)

Accidental Release

Spill Release Procedures:SWEEP, SHOVEL/VACUUM CRUMBS/CHUNKS INTO CNTNRS FOR REUSE/DISP. PLACE RESIDUAL IN CLSD, DUST TIGHT CNTNR TO AWAIT REUSE/DISP. IN ENCLSD/POORLY VENTED AREAS, WEAR NIOSH/MSHA APPRVD SCBA DURING CLEANUP I MMED AFTER FIRE AS WELL AS DURING ATTACK (ING 13)
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM DIRECT LIGHT TO MAINTAIN QUALITY. COMPOUNDING INGS PURCHASED TO ADD TO ELASTOMER PRODS MAY REQ SPECIAL HNDLG.
Other Precautions:IT IS USER'S RESPONSIBILITY TO FOLLOW REC PRECS OF INDIVIDUAL ADDITIVE SUPPLIERS. DURING NORM PROCESSING, VIRTUALLY ALL ELASTOMERS WILL EMIT FUMES & VAPS WHEN HEATED TO PROCESSING TEMPS. CONC & COMPOS ITION OF THESE VAPS WILL DEPEND (ING 14)

Exposure Controls

Respiratory Protection:AS SUPPLIED, RESP PROT IS NOT TYPICALLY REQD DURING NORMAL USE & HNDLG OPERATIONS. NIOSH/MSHA APPRVD RESP PROT MAY BE NEEDED IF PROD IS GROUND INTO FINE PWDR/DUST. ABNORMAL CNDTNS SUCH AS EQUIP MALFUN CTION, IMPROPER EQUIP/PROCS, OR (ING 23)
Ventilation:EFTIVE GEN &, IF NEC, LOC EXHST VENT MUST ALWAYS BE PROVIDED TO DRAW FUMES/VAPS AWAY FROM WORKERS TO PVNT (ING 25)
Protective Gloves:RUBBER GLOVES.
Eye Protection:ANSI APPRVD CHEM WORKER GOGGLES .

Other Protective Equipment: PROT CLTHG SHOULD BE WORN DURING CLEANUP OPERATIONS TO PVNT SKIN CONT. DO NOT USE PROCESSING EQUIP TO HEAT FOOD.

Work Hygienic Practices: WASH THOROUGHLY AFTER PROCESSING COMPOUND, ESPECIALLY BEFORE EATING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

% VOLAT: REC FOR USE ON CLASS A FIRES AS LACK OF COOLING CAPACITY MAY RSLT IN REIGNIT. FIRE FIGHT PROC: TOX COMBUST GASES FROM ANY SOURCE. E

XPLO HAZ: INTO FINE PWDR. HYDROGEN CYANIDE GAS IS FORMED UPON COMBUST. THIS REPRESENTS HAZ TO FIREFIGHTERS.

Chemical Properties

Spec Gravity: 1 (H*20=1)

Solubility in Water: INSOLUBLE

Appearance and Odor: TAN TO BROWN SLAB W/MILD CHARACTERISTIC ODOR.

Percent Volatiles by Volume: SUPDAT

Stability

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS/REDUCING AGENTS WHICH ARE GENRLY NOT COMPAT W/MANY ORG CMPDS, ARE NOT COMPAT W/THESE ELASTOMERS.

Stability Condition to Avoid: OVERHEATING.

Hazardous Decomposition Products: FUMES PRDCD WHEN HEATED TO DECOMP TEMPS MAY CONTAIN: OXIDES OF CARBON, HYDROGEN CYANIDE & SM AMTS OF AROMATIC & (ING 5)

Disposal

Waste Disposal Methods: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS .

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