

PARALOID KM-653 MODIFIER

MSDS Number

BCRKS

National Stock Number

6850-00N008981

Product Name

PARALOID KM-653 MODIFIER

Manufacturer

ROHM AND HAAS COMPANY

Product Identification

Product ID:PARALOID KM-653 MODIFIER

MSDS Date:03/07/1986

FSC:6850

NIIN:00N008981

MSDS Number: BCRKS

Responsible Party

ROHM AND HAAS COMPANY

INDEPENDENCE MALL WEST

PHILADELPHIA , PA 19105

Emergency Phone: 215-592-3000;CHEMTREC,800-424-9300

Cage: 77902

Contractor

ROHM AND HAAS CO

PHILADELPHIA, PA 19106-2399

US

215-592-2521/215-592-3000

Cage: 77902

Ingredients

ACRYLIC POLYMER.ROHM AND HAAS STEL 10 MG/CUM

Fraction By Weight: 100%

OSHA PELN/K

ACGIH TLV: N/K

MONOMERS

Fraction By Weight: TRACE

OSHA PELN/K

ACGIH TLV: N/K

Hazards

LD50 LC50 Mixture:LD50 >5 G/KG ORAL RAT OR DERMAL RABBIT

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

Health Hazards Acute and Chronic:INHAL:IRREVERSIBLE LUNG IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHAL:MONOMER VAPORS:IRRITATION,NAUSEA,HEADACHE

& DIZZINESS.EYES:IRRITATION.SKIN:IRRITATION.INGEST:N/K

Medical Cond Aggravated by Exposure:N/K

First Aid

First Aid:INHAL:MOVE SUBJECT TO FRESH AIR.SKIN:WASH AFFECTED AREAS W/ SOAP & WATER.EYES:FLUSH EYES W/ WATER FOR AT LEAST 15 MINUTES.INGEST:CALL MD IMMEDIATELY .

Fire Fighting

Lower Limits:20 MG/CUM

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,WATER SPRAY.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .COOL FIRE-EXPOS CNTNRS W/ H*2O SPRAY.AVOID USE OF STRAIGHT STREAM H*2O AS MAY RAISE DUST CLOUD

Unusual Fire/Explosion Hazard:ACRYLIC MONOMERS MAY BE EMITTED.BURNS VIGOROUSLY W/ INTENSE HEAT.POLYMER DUST AT 0.02 OZ/CUF CAN IGNITE OR EXPLODE.AUTOIGNITION TEMP 400C/752F.MIN (SEE SUP DAT)

Accidental Release

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION.WEAR SUITABLE MSHA/NIOSH APPROVED DUST RESPIRATOR.DAMPEN POWDER OR DUST W/ WATER MIST SPRAY.SWEEP UP CAREFULLY TO PREVENT SLIPPING ON POLYMER PARTICLES.

Neutralizing Agent:N/K

Handling

Handling and Storage Precautions:INDOOR OR OUTDOOR STORAGE.SHOULD NOT BE ABOVE 60C,140F.INDOOR STORAGE LIMITED TO AREAS W/ AUTOMATIC SPRINKLERS.EMPLOY BONDING,GROUNDING,(SEE SUPP DAT)

Other Precautions:GRINDING OR MILLING CAN GENERATE STATIC ELECTRICITY.TO PREVENT DUST EXPLOSIONS,ALL GRINDING,ROLLING,MIXING AND DUST EXTRACTION MACHINERY MUST BE PROPERLY GROUNDED AND EXPLOSION PROOF.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .DUST RESPIRATOR UNDER NORMAL CONDITIONS OF USE.

Ventilation:LOCAL AND GENERAL VENTILATION NECESSARY TO KEEP AIR CONCENTRATION BELOW TLV .

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GLASSES (ANSI Z87.1).

Other Protective Equipment:EYEWASH FACILITY.

Work Hygienic Practices:N/K

Supplemental Safety and Health

UNUSUAL FIRE & EXPLOS HAZARDS:IGNIT ENERGY 0.020

JOULES.HANDLING/STORAGE PRECAUTIONS:AND VENTING FOR OPERATIONS CAPABLE OF GENERATING DUST &/OR STATIC ELECTRICITY.

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:120C 248F

Decomp Temp:Decomp Text:N/K

Spec Gravity:1.0 (EST)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE FREE-FLOWING POWDER;MILD SWEET/SHARP ODOR.

Percent Volatiles by Volume:0.2

Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:N/K

Hazardous Decomposition Products:ACRYLIC MONOMERS.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WIH FEDERAL,STATE & LOCAL REGULATIONS .PLACE POWDERS IN AIR-TIGHT BAGS.INCINERATE OR LANDFILL.

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