



MATERIAL SAFETY DATA SHEET

12/01/2004

TRADE DESIGNATIONS: ISOLAYMENT-BR

-----SECTION 1- MANUFACTURER IDENTIFICATION-----

COMPANY NAME: KINETICS NOISE CONTROL
ADDRESS: 6300 IRELAN PLACE DUBLIN, OHIO 43017
EMERGENCY PHONE: 951-342-0177
INFORMATION PHONE: 614-889-0480

-----SECTION 2- HAZARDOUS INGREDIENTS-----

HAZARDOUS COMPONENTS	CAS#	TLV(ACGIH)	OSHA PEL	WEIGHT%
METHYLENE BIS (PHENYL ISOCYANATE)	101-68-8	.005 PPM	.002 PPM	<1.2
DIPHENYLMENTHANE DIISOCYANATE	02447-40-5	.005 PPM	.002 PPM	} <.9
POLYMETHYLENE POLYPHENYL ISOCANATE	9016-87-9	.005 PPM	.002 PPM	
AROMATIC HYDROCARBONS	64742-110-6	5.000 PPM	5.000 PPM	

-----SECTION 3- PHYSICAL DATA-----

COMPOSITION: RECYCLED SBR RUBBER GRANULES BONDED WITH ALAPHATIC ISOCYANATE
POLYMER BINDING AGENT
APPEARANCE: SOLID RUBBER COMPOUND
VISCOSITY: N/A
BOILING POINT: N/A
VAPOR PRESSURE: N/A
PERCENT VOIATILE: N/A
Ph: N/A
ODOR: CHARACTERISTIC OF TIRE RUBBER
MELTING POINT: N/A
FREEZING POINT: N/A



-----**SECTION 4- FIRE & EXPLOSION HAZARD DATA**-----

FLASH POINT: N/A
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: CO2, DRY CHEMICALS, FOAM
SPECIAL FIREFIGHTING PROCEDURES: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING EQUIPMENT. IF WATER IS USED, IT SHOULD BE USED IN LARGE QUANTITIES.

-----**SECTION 5- REACTIVITY DATA**-----

STABILITY: STABLE
INCOMPATIBILITY: N/A
HAZARDOUS DECOMPOSITION: CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2), NITROGEN OXIDE.
HAZARDOUS POLYMERIZATION: MAY OCCUR WITH INCOMPATIBLE REACTANTS, STRONG BASES, WATER AND HIGH TEMPERATURE.
CONDITIONS TO AVOID: TEMPERATURES ABOVE 212 DEGREES F, OPEN FLAME.

-----**SECTION 6- WASTE DISPOSAL METHOD**-----

DISPOSE OF WASTE MATERIALS IN LANDFILL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

-----**SECTION 7- PROTECTION INFORMATION**-----

PROTECTIVE GLOVES: USE NATURAL RUBBER OR NEOPRENE GLOVES.

-----**REGULATORY INFORMATION**-----

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME: METHYLENE BIS (PHENYL ISOCYANATE)
CAS# 101-68-8
CONCENTRATION: <1.2

- A) AN IMMEDIATE HEALTH HAZARD
- B) A DELAYED HEALTH HAZARD
- C) A REACTIVE HAZARD



ADDITIONAL HEALTH EFFECTS ASSOCIATED WITH DIPHENYLMETHANE DIISOCYANATE (ALSO MDI: METHYLDIPHENYL DIISOCYANATE)

THE INTERNATIONAL ISOCYANATE INSTITUTE HAS RECENTLY SUBMITTED A PRELIMINARY REPORT OF A LONG-TERM INHALATION STUDY CONDUCTED ON POLYMERIC DIPHENYLMETHANE DIISOCYANATE (MDI). IN THIS STUDY, RATS WERE EXPOSED TO RESPIRABLE AEROSOL PARTICLES OF POLYMERIC MDI FOR 6 HOURS/DAY, 5 DAYS/WEEK, FOR 2 YEARS. THE CONCENTRATIONS USED WERE: 0 mg/m³ (CONTROL); 0.2 mg/m³ (LOW) 1.0 mg/m³ (MEDIUM); AND 6mg/m³ (HIGH). HIGH AND MEDIUM EXPOSURES SHOWED CHRONIC IRRITATION AND ACCUMULATION OF YELLOW FLUID THAT ACCOMPANIES LUNG IRRITATION AT THE MEDIUM AND HIGH LEVELS. OUR SUPPLIERS NOTE THAT THE TUMOR EFFECTS NOTED IN THIS STUDY WERE INDUCED AT LEVELS THAT WOULD NOT BE TOLERABLE IN THE WORKPLACE DUE TO THE IRRITANT AND SENSITIZING ANY PROLONGED EXPOSURE LEADING TO CHRONIC IRRITATION AND LUNG DAMAGE, THE TUMOR FORMATION WOULD BE UNLIKELY. AT THIS TIME, MDI HAS NOT BEEN LISTED AS CARINOGENIC NY, NTP, IARC OR OSHA.

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, EXPRESSES OR IMPLIED, EXCEPT THAT IT IS ACCURATE TO THE BEST KNOWLEDGE OF U.S. RUBBER RECYCLING INC. THE DATA ON THESE SHEETS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN. U.S. RUBBER RECYCLING INC. ASSUMES NO LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON THIS DATA.