



MATERIAL SAFETY DATA SHEET

8/8/2018

PRODUCT NAME: HERO QuietShield

SECTION 1-MANUFACTURER IDENTIFICATION

MANUFACTURER NAME: HERO Flooring Inc

ADDRESS: 1371 Raiders Way, Suite 160 Henderson, NV 89052

EMERGENCY PHONE: 323-775-7086

INFORMATION PHONE: 702-202-4928

SECTION 2- HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS#</u>	<u>TLV(ACGIH)</u>	<u>OSHA PEL</u>	<u>WEIGHT%</u>
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

MANUFACTURED BY:



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. 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 A CARCINOGEN.

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