

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072



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IDENTITY (As Used on Label and List)

KY TYPE VINYL COATED MANHOLE LINER

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

HAARTZ CORPORATION

Emergency Telephone Number

(978) 264 2600

Address (Number, Street, City, State, and ZIP Code)

87 HAYWARD ROAD

Telephone Number for Information

(978) 264 2600

ACTON, MA 01720-3000

Date Prepared

7/9/2008

Signature of Preparer (optional)

Section IIA - Ingredients/Identity Information

	% (optional)
POLYESTER FIBER	40 - 60 %
FLEXIBLE POLYVINYL CHLORIDE COMPOUND	40 - 60 %

Section IIB - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
ANTIMONY OXIDE CAS#1309-64-4				
CARBON BLACK CAS#1333-86-4				

Section III - Physical/Chemical Characteristics

Boiling Point 10 MM Hg	256 °C	Specific Gravity (H2O = 1)	> 1.0
Vapor Pressure (mm Hg) 200 °C	0.3 mm Hg	Melting Point	> 85 °C.
Vapor Density (AIR = 1)	N/A	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water

20°C < 0.01 % by weight plasticizer portion only

Appearance and Odor

Plastic coated foam/mild phthalate odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >300° C. (ASTM D-1929)	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

Carbon Dioxide, Foam, Dry Chemical, Water Fog

Special Firefighting Procedures

Fire fighters and other persons subject to products of combustion should wear

self-contained breathing apparatus

Unusual Fire and Explosion Hazards

Not Known

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid Prolonged exposure to heat, avoid contact with ignition
	Stable	X	sources and strong oxidation

Incompatibility (Materials to Avoid) Strong Oxidizers

Hazardous Decomposition or Byproducts Carbon Monoxide, Carbon dioxide, Hydrogen chloride gas

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? No	Ingestion? Unlikely
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Health Hazards (Acute and Chronic) Exposure to vapors from molten material may cause eye and respiratory track irritation

Carcinogenicity: None Know	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure None Known

Medical Conditions None Known

Emergency and First Aid Procedure
Eyes: Flush with Water. Skin: Wash with soap and water.

Inhalation: Remove to fresh air, Seek medical attention

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Reroll, sweep small scraps

Waste Disposal Method Landfill in accordance with local, state and federal regulations

Precautions to be Taken in Handling and Storage Keep away from heat, sparks, flame. Store in a clean dry place

Store at temperatures below 55 oC

Other Precautions Not Determined

Section VIII - Control Measures

Respiratory Protection (Specify Type) No special protection for normal use

Ventilation	Local Exhaust	Local exhaust around processing is recommended	Special N/A
	Mechanical (General)	N/A	Other N/A

Protective Gloves As required for hot materials

Other Protective Clothing or Equipment N/A

Work/Hygienic Practices N/A