

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

IDENTITY (as Used on Label and List)

Material Grade 405

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

Manufactured For

Emergency Telephone Number 800-558-3206

Flexco Corporation

Telephone Number for Information 262 -869-9041

1401 East 6th Street

Date Revised: July 1, 2009

Tuscumbia, Alabama 35674

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
0.02ppm	0.005ppm	E.E.C	<10%
ceiling	TWA	harmful	

Methylene bisphenyl isocyanate (101-68-8)

Synonyms: MDI, 4,4 Diphenylmethane diisocyanate

Note: During Manufacture of Flexco Prime Sports Floor, the MDI is reacted with a catalyst and should not be present in the final product

Ground rubber containing

>90%

Naphthenic / aromatic oil (64742-01-04)

6mg/m³3mg/m³

<25%

Carbon black (133-86-4)

3.5mg/m³3.5mg/m³

<35%

Talc, respirable dust (14807-96-6)

2.0mg/m³2.0mg/m³

<5%

Zinc compound (1314-13-2)

10mg/m³10mg/m³

<3%

Section III—Physical/Chemical Characteristics

Boiling Point N/A

Specific Gravity (H₂O = 1)
1.04-1.20

Vapor Pressure (mm Hg) N/A

Melting Point N/A

Vapor Density (AIR = 1) N/A

Evaporation Rate (Butyl Acetate = 1) N/A

Solubility in Water INSOLUBLE

Appearance and Odor BLACK WITH SPECKELD COLOR SHEET OR ROLL GOOD(S) WITH A SLIGHT ODOR OF VULCANIZED RUBBER.

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used) N/A

Flammable Limits N/A

LEL N/A

UEL N/A

Extinguishing Media WATER, FOAM, DRY POWDER, WATER FOG

Special Fire Fighting Procedure DO NOT USE HIGH PRESSURE WATER

Unusual Fire and Explosion Hazards

HEAVY SMOKE AND NOXIOUS GASES MAY BE FORMED UNDER FIRE CONDITIONS USE NIOSH APPROVED BREATHING EQUIPMENT.

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	N/A

Incompatibility (Materials to Avoid) N/A

Hazardous Decomposition or Byproducts **THERMAL- DECOMPOSITOIN MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, ZINC FUMES, SULFUR DIOXIDE, LIQUID & GASEOUS HYDROCARBONS.**

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	DON'T STORE NEAR FIRE OR FLAME HOT MATERIAL STORE IN HJPPERS CAN SPONTANEOUSLY COMBUST

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	YES	YES	N/A

Health Hazards (Acute and Chronic)

MACHINING OR CUTTING THE MATERIAL MAY GENERATE DUST WHICH MAY BE IRRITATING TO THE RESPIRATORY TRACT.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

SKIN ITCHING, IRRITATION OF MUCOUS MEMBRANES, EYE IRRITATION

Medical Conditions

Generally Aggravated by Exposure

COULD POTENTIALLY AGGRAVATE ALLERGIES, DUE TO DUST EXPOSURE AND / OR INHALATION IF MACHINE CUTTING

Emergency and First Aid Procedures

WASH WITH SOAP AND WATER, ORDINARY METHODS OF PERSONAL HYGIENE ARE APPROPRIATE.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

SWEEP OR VACUUM INTO DISPOSAL CONTAINERS

Waste Disposal Method

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

Precautions to Be Taken in Handling and Storing

DO NOT STORE NEAR FIRE, FLAME, OR AN IGNITION

Other Precautions

N/A

Section VII—Control MeasuresRespiratory Protection (Specify Type) USE DUST RESPIRATOR FOR PARTICLE SIZE PICK UP TO 10MG/M³

Ventilation	Local Exhaust YES	Special N/A
	Mechanical (General) IF NECESSARY	Other N/A

Protective Gloves RECOMMENDED	Eye Protection USE SAFETY GOGGLES IF MACHINING OR CUTTING
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Other Protective Clothing or Equipment N/A

Work/Hygienic Practices

GOOD PERSONAL HYGIENE, FREQUENT WASHING WITH SOAP AND WATER OF EXPOSED AREAS. REMOVE AND CLEAN COMTAMINATED CLOTHING.