



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **TACKY M**
 Identity: Rubberized Fiberglass Cloth
 Description: Texpro Tacky Cloth

SUPPLIER

Industries 3R inc.
 55, route 116 Ouest
 Danville (Québec) J0A 1A0
 Tel: 819-839-2793
 Fax: 819-839-2797

INGREDIENTS AND HAZARDS CAS # % WT. (Optional)

Zinc Oxide	1314-13-2	<5%
Calcium Carbonate	1317-65-3	
Hydrotreated Heavy Naphthenic Petroleum Oil	64742-52-5	
Cotton	9004-34-6	
Rayon	61788-77-0	
Fibrous Glass	65997-17-3	<30%
Acrylonitrile-Vinyl Acetate Copolymer	24980-62-9	
Toluene	108-88-3	<2%

Emergency overview:

This product consists of a woven fabric impregnated with a mineral filled natural rubber compound. Fabric is constructed from proprietary yarns; with a glass filament core and organic fiber jacket. Product may contain up to 2% residual toluene. Product is intended for use a gasketing material for boiler handhole / manhole flanges at temperatures up to 400F.

DANGER: May contain residual toluene. Harmful if inhaled. Flammable vapour may affect liver, kidneys, blood system, or central nervous system. Causes irritation to skin, eyes and respiratory tract.

Excessive levels of some constituents can cause lung and respiratory tract disorders. Maintain dust concentrations at low levels.

Product constituents listed as carcinogens:

Fiber Glass Continououd Filament: IARC Group 3 – Not classifiable with respect to human carcinogenicity.

Toluene: IARC Group 3 – Not classifiable with respect to human carcinogenicity.

PHYSICAL DATA

Appearance: Fabric impregnated with tacky off white rubber compound. Off-white rubber compound.
 Odor: Slight odor.
 VOC Content: N/A
 pH: N/A
 Vapor Pressure: N/A
 Density: N/A
 Boiling Point: N/A
 Freezing Point: N/A
 Melting Point: N/A

Solubility in water: N/A
Specific gravity: N/A
Reactivity with water: Non reactive.

FIRE, EXPLOSION HAZARD DATA

Flash point: N/A
Upper flammable limit (UFL): N/A
Lower flammable limit (LFL): N/A
Autoignition Temperature: Not determined.
Hazardous Products of Combustion: Composition of by-products from the result of a fire or thermal decomposition will vary depending on the specific conditions. Hazardous gases/vapours include smoke, carbon monoxide, hydrocarbon fragments, oxides of sulphur; along with and small amounts of acrylonitrile and vinyl acetate monomers.
Fire fighting procedures: As in any fire, use a self-contained breathing apparatus (SCBA) in the pressure-demand mode in conjunction with suitable gloves and clothing.
Extinguishing media: Water, foam, carbon dioxide and dry chemical. Be sure to use fire extinguisher appropriate to surrounding fire.

REACTIVITY DATA

Stability: Stable.
Hazardous Polymerization: will not occur.
Conditions to avoid: Direct flame will ignite product.
Materials to avoid: Strong oxidizers, acids and alkali.
Hazardous decomposition products: Composition of by-products from the result of a fire or thermal decomposition will vary depending on the specific conditions. Hazardous gases/vapors include smoke, carbon monoxide, hydrocarbon fragments, oxides of sulphur; along with and small qamounts of acrylonitrile and vinyl acetate monomers. There may be others unknown to us.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush the eyes with water for at least 15 minutes. Do not rub eyes. Get medical attention if necessary.
Skin: Wash contaminated skin thoroughly with soap or mild detergent. Get medical attention if irritation persists. Dermatitis should be treated symptomatically by a physician.
Ingestion: Consult a physician.
Inhalation: No adverse effects are anticipated by breathing small amounts during normal and intended use. If exposed to high dust levels, then remove to fresh air. Drink water and clear throat. Blow nose to clear dust. If exposed to fumes from overheating or combustion, move to fresh air. Consult physician if symptoms persist.

HEALTH HAZARD DATA

Primary Routes of Entry:
Inhalation of residual solvent vapors, dusts, or fumes from thermal decomposition.
Acute Effects of overexposure:
Inhalation of toluene vapor may cause irritation of the upper respiratory tract. Symptoms of overexposure may include fatigue, confusion, headache, dizziness and drowsiness. Peculiar skin sensations (e.g. pins and needles) or numbness may be produced. Very high concentrations may cause unconsciousness and death. High concentrations of dusts may be irritating to the eyes, skin, mucous membranes and respiratory tract. Skin contact may produce reddening of the skin and itching.
Chronic effects of overexposure:
Exposure to toluene may affect the developing fetus and/or cause liver or kidney damage.
Respiratory and lung disorders can result when exposed to prolonged and repeated elevated dust levels.

Conditions aggravated by exposure: Persons with pre-existing skin disorders or impaired liver or kidney function may be more susceptible to the effects of toluene. Alcoholic beverage consumption can enhance the toxic effects of toluene.

Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact.

SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Shovel or sweep up. Material should not be placed in DOT approved containers for disposal.

HANDLING AND STORAGE:

Handling: Dust generated from this material must be managed by wet wiping or vacuuming with HEPA filtration equipped vacuum cleaners. Do not dry sweep or blow dust with compressed air. Personnel involved with handling this product should be wearing appropriate personal protective equipment.

Storage: Store in labeled closed containers and away from open flames and other sources of ignition. Do not store with or near incompatible materials.

Work/Hygienic Practices: Handle using good industrial hygiene and safety practices. Avoid practices which may generate dust. Keep work areas clean.

SPECIAL PROTECTION INFORMATION & EXPOSURE CONTROLS

Ventilation: No special requirements for normal conditions of use.

Personal Protective Equipment: Eyes and face: As generally good practice, safety glasses with side shields are recommended when handling this product to prevent eye contact with particulate matter.

Skin: Use of impervious gloves is recommended.

Respiratory: No special requirements under normal conditions of use.

EXPOSURE GUIDELINES:

COMPONENT	(8Hr. TWA) OSHA PEL	(7Hr. TWS) ACGIH TLV
Zinc oxide	10.0 mg/m ³ (total dust)	10.0 mg/m ³ (total dust)
Calcium carbonate	15.0 mg/m ³ (total dust)	10.0 mg/m ³ (total dust)
Heavy Naphthenic Petroleum oil	5.0 mg/m ³ (oil mist)	5.0 mg/m ³ (oil mist)
Rayon	15.0 mg/m ³ (total dust)	10.0 mg/m ³ (total dust)
Cotton	none established.	None established.
Toluene	200 ppm	20 ppm
Acrylonitrile-Vinyl Acetate Copolymer	none established.	None established.
Fibrous Glass		
Nonrespirable fibers and Particulate	15.0 mg/m ³ (total dust)	5.0 mg/m ³ (respirable fraction)
Respirable Particulate	5.0 mg/m ³ (respirable dust)	3.0 mg/m ³ (PNOC)
Respirable particulate with fiber-like dimensions (glass shards)	None established.	None established.

ADDITIONAL INFORMATION

The information, details, dimensions and values indicated are to our best knowledge. We recommend testing according to local conditions. The specifications are subject to change without notice.