



TP6100 BM (AKA PQ-6100(BM)MEMBRANE C)

Version 1.
REVISION DATE: 07/12/2007

Print Date 02/15/2008

SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION

Product Information

Trade name : TP6100 BM (AKA PQ-6100(BM)MEMBRANE C)
Product code : 87210BM860

Supplier : Tremco Canada division
220 Wicksteed Avenue
Toronto, ON M4H 1G7

Telephone : (416) 421-3300
Emergency Phone: : (613) 996-6666

Preparation Information

Prepared by: : Sewnauth Raghunandan
Date: : 07/12/2007
Telephone : (416) 421-3300

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Black. Solid. Fumes irritating to the respiratory tract. Vapors from hot material may cause headaches, dizziness, nausea, nose, throat, and mucous membrane irritation. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Fumes irritating to the respiratory tract. Vapors from hot material may cause headaches, dizziness, nausea, nose, throat, and mucous membrane irritation.
Eyes : Heated material will cause thermal burns. Fumes from heated product may cause tearing, irritation, and redness.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation. Hot material will cause burns. May cause sensitization. May cause a rash.

Aggravated Medical Conditions

Pre-existing eye, skin, liver, kidney, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Carbon black is classified by IARC to be a known animal carcinogen and a possible human carcinogen (Group 2B). Carbon black is encapsulated by resin and not expected to have adverse effects unless made airborne. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Lung, Eye, Liver, Kidney

SECTION 3 : HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Weight % Range
Asphalt	8052-42-4	40.0 - 70.0
Carbon Black	1333-86-4	1.0 - 5.0
Paraffinic distillate	64742-04-7	1.0 - 5.0

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- Skin contact : If hot material strikes the skin, immediately drench or immerse the area in water to assist cooling. If available, apply iced water or ice packs to the burned area. (DO NOT use iced water or ice packs if the burned area covers greater than 10% of the body, as this may contribute to shock.) DO NOT try to remove asphalt from a burn after it has cooled. Seek medical attention. Medical personnel can soften and remove cooled asphalt with petroleum jelly. For contact with cold material, clean with a waterless hand cleaner, then wash with mild soap and water. If irritation persists, seek medical attention.
- Ingestion : Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

SECTION 5: FIRE / EXPLOSION HAZARDS

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Smoke, fumes. Carbon monoxide and carbon dioxide can form. Oxides of sulfur can form.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use. Product may ignite if heated in excess of its flash point.

SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES

Use appropriate protective equipment. Avoid contact with material. If hot, stop flow. Contain spill. Keep out of water courses. Allow material to cool. Scrape up and transfer to appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

During manufacture, caution must be used to prevent contact with hot material. Prevent inhalation of vapor. Product is heated during processing. Avoid contact with hot material. Wear heat resistant gloves. Do not inhale vapor or fumes. In case of contact with skin or eyes, apply cold water immediately and get medical attention as soon as possible. Do not heat in excess of the flash point. Do not use in confined or poorly ventilated areas. Store in sealed containers in a cool, dry, ventilated warehouse location.

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SECTION 8 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Wear NIOSH/MSHA approved vapor respirator with appropriate cartridge when the vapor concentration is expected to exceed exposure limits indicated on the MSDS. Follow manufacturer's directions for respirator use.
- Hand protection : Use heat resistant gloves and protective apparel for hot material.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Use a face shield impervious to hot bitumen. Use slip resistant shoes impervious to hot bitumen.
- Protective measures : Use professional judgment in the selection, care, and use. During torch application, protect hands with heat resistant gloves and use slip resistant shoes impervious to hot bitumen. Protect hands with suitable gloves when handling finished product.
- Engineering measures : Use general ventilation and/ or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Asphalt	8052-42-4	ACGIH TWA:	0.5 mg/m3	Inhalable fraction.as
		benzene solubles		
		Ontario TWA:	0.5 mg/m3	Inhalable fumeas
Carbon Black	1333-86-4	benzene solubles		
		Ontario TWA:	0.5 mg/m3	Inhalable fumeas
		benzene solubles		
Paraffinic distillate	64742-04-7	Ontario TWA:	3.5 mg/m3	
		ACGIH TWA:	3.5 mg/m3	
		ACGIH TWA:	5 mg/m3	Mist.
		ACGIH STEL:	10 mg/m3	Mist.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Solid
- Form : Solid
- Color : Black
- Odor : Asphalt
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.



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Freezing point : Not available.
Boiling point/range : Not available.
Water solubility : Insoluble
Evaporation Rate: : Not available.
Specific Gravity : 1.33
% Volatile Weight : 1 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Oxidizing agents.
Stability : Material is stable under normal storage, handling, and use.
Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:
NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

Canadian Regulations:

WHMIS Classification : D2A

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Other Regulations:



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Regulatory VOC (less water and exempt solvent) : 16 g/l

SECTION 16 - OTHER INFORMATION

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Sewnauth Raghunandan

Legend

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|---|--|
| ACGIH - American Conference of Governmental Hygienists | OSHA - Occupational Safety and Health Administration |
| DOT - Department of Transportation | PEL - Permissible Exposure Limit |
| DSL - Domestic Substance List | RCRA - Resource Conservation and Recovery Act |
| EPA - Environmental Protection Agency | STEL - Short Term Exposure Limit |
| HMIS - Hazardous Materials Information System | TLV - Threshold Limit Value |
| IARC - International Agency for Research on Cancer | TSCA - Toxic Substances Control Act |
| MSHA - Mine Safety Health Administration | TWA - Time Weighted Average |
| NDSL - Non-Domestic Substance List | V - Volume |
| NIOSH - National Institute for Occupational Safety and Health | VOC - Volatile Organic Compound |
| NTP - National Toxicology Program | WHMIS - Workplace Hazardous Materials Information System |