



FREEZING POINT: 0 deg C                      pH: 8.75  
COEFFICIENT OF WATER/OIL DIST: N/AV              ODOR THRESHOLD: Not available.

## ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: N/AP                                      METHOD USED: N/AP  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/AP              UPPER: N/AP

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate to surrounding fire.

**SPECIAL FIREFIGHTING PROCEDURES**

Handle as a non-flammable liquid.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode when exposed to extreme heat.

**FLAMMABILITY - T.D.G.R. CLASS:**

Not regulated.

**SENSITIVITY TO IMPACT: NO****AUTO-IGNITION TEMPERATURE:**

Not available

**SENSITIVITY TO STATIC DISCHARGE:** Not available.

**HAZARDOUS COMBUSTION PRODUCTS:**

Not available.

## ===== SECTION V - REACTIVITY DATA =====

**CHEMICAL STABILITY:** STABLE

**CONDITIONS TO AVOID:**

Excessive heat, poor ventilation, corrosive atmospheres, excessive aging.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Alkaline materials, strong acids and oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** NONE KNOWN

**HAZARDOUS POLYMERIZATION:**

Will not occur.

## ===== SECTION VI - TOXICOLOGICAL DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Harmful if inhaled. May affect the brain or nervous system causing dizziness, headache, nausea, drowsiness or confusion. May cause irritation of the nose and throat.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Eye Contact: May cause minor irritation, tearing, redness and blurred vision. Skin Contact: May cause minor irritation.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

Harmful if absorbed through skin.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

May cause gastrointestinal irritation, vomiting, nausea and diarrhea.

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

Acute health hazards are as listed above. Repeated overexposure may result in damage to the blood. Chronic: Overexposure to Carbon Black may cause heart and lung damage.

**SENSITIZING CAPABILITY:** NONE KNOWN

**CARCINOGENICITY:** NTP CARCINOGEN:No IARC MONOGRAPHS:Yes OSHA REGULATED:No

No carcinogenic effects have been found in animals or humans due to exposure to commercial Carbon Black. Carbon Black does contain trace amounts of strongly absorbed polynuclear aromatic compounds (PNA'S). Some PNA'S in the non-absorbed form have been found to be carcinogenic. In a lifetime inhalation study, exposure to 250 mg/m<sup>3</sup> titanium dioxide dust resulted in the development of lung tumors in rats. These tumors occurred only at dust levels that overwhelmed the animals' lung clearance mechanisms and were different from common human lung tumors in both type and location. The relevance of these findings to humans is unknown. The International Agency for Research on Cancer (IARC) has classified Titanium Dioxide as possibly carcinogenic to humans (Group 2B) based on inadequate evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

**TERATOGENICITY AND EMBRYOTOXICITY**

Not available.

**REPRODUCTIVE TOXICITY**

Not available.

**MUTAGENICITY**

Not available.

**TOXICOLOGICALLY SYNERGISTIC PRODUCTS**

None known.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

**ADDITIONAL HEALTH INFORMATION**

Not available.

**===== SECTION VII - PREVENTIVE MEASURES =====****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Clean up with water before allowing to dry. Sodium Chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place coagulated waste in a closed container. Flush area with water.

**WASTE DISPOSAL METHOD**

Reclaim or dispose of through a licensed waste disposal company according to Federal, Provincial and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Storage: Keep from freezing. Store in a well ventilated area out of direct sunlight and away from any source of heat. Handling: Avoid prolonged or repeated inhalation of heated vapours or spray mist. Avoid prolonged or repeated skin contact. Wear adequate personal protective equipment.

**OTHER PRECAUTIONS:** Not available.

**RESPIRATORY PROTECTION**

When spraying or in case of poor or no ventilation wear a respirator NIOSH approved for organic vapors and particulates.

**VENTILATION**

General (dilution) ventilation is required during use. Local exhaust ventilation is required during operations where this material is heated.

**PROTECTIVE GLOVES**

Rubber.

**EYE PROTECTION**

Chemical safety glasses, goggles or face shield.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

**WORK/HYGIENIC PRACTICES**

Eye washes and safety showers in the workplace are recommended.

**===== SECTION VIII - FIRST AID MEASURES =====**

**INHALATION OVEREXPOSURE:** Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.

**EYE CONTACT:** Flush with water for at least 15 minutes. Seek medical attention.

**SKIN CONTACT:** Wash thoroughly with mild soap and water.

**INGESTION:** Drink 1 or 2 glasses of water to dilute. Contact a physician immediately.

**===== SECTION IX - PREPARATION =====**

**PREPARED BY:** TECHNICAL DEPARTMENT

**===== SECTION X - DISCLAIMER =====**

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