

# CARLISLE TIRE & RUBBER CO.

## MATERIAL SAFETY DATA SHEET

### Section I

DISTRIBUTOR: Carlisle Tire & Rubber Co. P. O. Box 99 Carlisle, PA 17013 (717) 249-1000 FAX (717) 249-0015	DATE OF PREP: 5/92 SUPERSEDES: 10/91 PRODUCT CLASS: Polyurethane Coating TRADE NAME: PLAYCOAT GREY COLOR: Grey
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### Section II--Hazardous Ingredients

INGREDIENT	C.A.S.#	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE
			ACGIH/TLV-TWA	OSHA/PEL	
Urethane Resin	N/A	30-50	NE	NE	N/A
Water	7732-18-5	30-50	NE	NE	24 @ 25°C.
Pyrrolidinone, 1-Methyl	872-50-4	5-15	NE	NE	0.3
Triethylamine	121-44-8	0.5-5	10 ppm	15 ppm	54
Nepheline Syenite	37244-96-5	5-15	5mg/M <sup>3</sup>	NE	N/A

32610

N/A = Not applicable  
 NE = Not established

### Section III--Physical Data

BOILING RANGE 193-396 °F. VAPOR DENSITY  HEAVIER  LIGHTER, THAN AIR  
 EVAPORATION RATE  FASTER  SLOWER, THAN ETHER PERCENT VOLATILE WEIGHT PER  
 BY VOLUME 64.4% GALLON 9.47 lbs.

### Section IV--Fire and Explosion Hazard Data

FLAMMABILITY CLASSIFICATION OSHA Class IIIB  
 DOT Not Regulated FLASH POINT None °F. LEL 1.0%

EXTINGUISHING MEDIA

FOAM  "ALCOHOL" FOAM  CO<sub>2</sub>  DRY CHEMICAL  WATER FOG  OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

## Section V—Health Hazard Data

**RESHOLD LIMIT VALUE:** See Section II

### EFFECTS OF OVEREXPOSURE:

**INGESTION:** Gastro-intestinal distress including nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

**INHALATION:** May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: Headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**EYES:** May cause severe irritation, redness, tearing, blurred vision.

**SKIN:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

### EMERGENCY FIRST AID PROCEDURES:

**INHALATION:** Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

**SPLASH (EYES):** Flush immediately with large amounts of water for at least 15 minutes. Take to a physician for medical treatment.

**SPLASH (SKIN):** Wash affected areas with soap and water. Remove contaminated clothing. Consult a physician if irritation persists.

**INGESTION:** Do not induce vomiting. Consult physician or poison control center immediately. Treat symptomatically.

## Section VI—Reactivity Data

**STABILITY:**  Unstable  Stable **CONDITIONS TO AVOID**

**INCOMPATIBILITY:** (Materials to avoid)—Unknown

**HAZARDOUS DECOMPOSITION PRODUCTS:** May produce noxious fumes when heated to decomposition, as in welding. Fumes may contain CO, Nitrogen Oxides.

**HAZARDOUS POLYMERIZATION:**  May Occur  Will Not Occur

## Section VII—Spill or Leak Procedures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Remove sources of ignition and provide ventilation. Large spills may be scooped up with nonsparking tools. Provide respiratory protection if required. Small quantities may be picked up with absorbent material. See disposal precautions below.

**WASTE DISPOSAL METHODS:** Place in closed containers. See other precautions below. Incinerate (first open closed containers) or use secure landfill in accordance with local, state, and federal regulations.

## Section VIII—Special Protection Information

**RESPIRATORY PROTECTION:** Provide adequate ventilation. If TVL of the product is exceeded, a NIOSH/MSHA jointly approved self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode is advised.

**VENTILATION:** Provide sufficient mechanical and/or local exhaust ventilation to maintain exposure below TVL.

**PROTECTIVE GLOVES:** Wear resistant gloves such as Buna-N (nitrile rubber).

**EYE PROTECTION:** Chemical splash goggles in compliance with OSHA regulations are advised.

**OTHER PROTECTIVE EQUIPMENT:** To prevent prolonged skin contact, wear impervious clothing and boots. Eyewash facility, emergency shower.

## Section IX—Special Precautions

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Closed containers may explode when exposed to extreme heat. Store away from high temperatures, sparks and flames. Avoid prolonged skin contact. Do not breath spray mist.

**OTHER PRECAUTIONS:** Ground containers while pouring and limit free fall to a few inches to prevent static sparks. Avoid spontaneous combustion of contaminated rags and other easily ignitable organic accumulations (such as spray booth residues) by immediate immersion in water. Emptied containers may retain hazardous properties. Do not cut, puncture or weld on or near the container. Store large quantities only in buildings designed to comply with OSHA 4910.106.