

VERSION 1.0

NOVEMBER 30, 2015



MATERIAL SAFETY DATA SHEET

SECTION 1- COMPANY AND PRODUCT IDENTIFICATION

TIRE PENZ INC CONESTOGA CT BOULDER CO 80301

TIRE PENZ COLORS

HAZARDOUS COMPONENT AS (SEE SEC.)

ALL COLORS 1, 29

INDIVIDUAL COLORS

CPT013 BISMUTH VANADATE YELLOW 8.5

CPT007 COLBALT BLUE HUE 19.33

CPT014 IRIDESCENT GOLD 27

CPT009 IRIDESCENT SILVER 27

CPT008 LIGHT GREEN (YELLOW SHADE) 27

CPT005 LIGHT MAGENTA 33

CPY006 LIGHT VIOLET

CPT003 PYRROLE ORANGE –

CPT012 PARROLE RED –

CPT001 TITANIUM WHITE 33

SECTION 2-HAZARD IDENTIFICATION

INHALATION HEALTH RISKS AND SYMPTOMS

- None expected under normal conditions of use
- Irritation of the Nose, Throat, and Lungs are associated with excessive exposure to ammonia, which may occur when large volumes of this product are used in an area with limited ventilation.

EYE CONTACT RISKS AND SYMPTOMS OF EXPOSURE

- Contact may be slightly irritating to eyes

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

- Prolonged or repeated contact may be irritating to the skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

- May cause irritation to gastrointestinal system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

- Pre-existing skin, eye, or respiratory condition may be aggravated by exposure.

ADDITIONAL HAZARDS ASSOCIATED WITH SPECIFIC PIGMENTS OR THEIR COMPONENTS IDENTIFIED IN SECTION 3.

- **MICA-** Can cause slight lung fibrosis and pneumoconiosis
- **Titanium Dioxide-** Listed by IRARC under category 2B, possibly carcinogenic to humans
- **WARNING:** This product contains a chemical known to the State of California to cause cancer. (Applies to airborne particles of respirable size only)

SECTION 3- HAZARDOUS COMPONENT INFORMATION

CODE		%	CAS NUMBER	TWA	STEL	CEILING
1	Ammonia	.2	7664-41-7		35ppm	
8.5	Bismuth Vanadium Tetraoxide	22	14054-33-7			
19	Copper Compound (PB 15)	3	147-14-8		1 mg/M ³	
27	Mica Pigment	22			3 mg/M ³	
29	Propylene Glycol	12	57-55-6		NE	
33	Titanium Dioxide	30	13463-67-7		10 mg/M ³	

TWA= Time Weighted Average (Avg. airborne exposure in 8 hr. work shift work week)

STEL= Short Term Exposure Limit (15 minute time weighted average exposure)

CEILING = exposure not to be exceeded during any part of the work day

NE = None established

Mg/M³ = approximate milligrams of substance per cubic meter of air.

SECTION 4- FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 min. See Doctor if any symptoms persist

SKIN CONTACT: Wash with soap and water .See Doctor if skin irritation persists

INHALATION: Remove subject to fresh air. See Doctor if Symptoms Persist

SECTION 5- FIRE FIGHTING MEASURE

FLASH POINT: None

METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: N/A UPPER: N/A

EXTIGUESHING MEDIA:

Carbon dioxide, water spray, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEEDURES:

Use self-contained breathing apparatus and full protective clothing.

UNIVERSAL FIRE AND EXPLOSION HAZARDS: Decomposition and combustion products may be toxic.

SECTION 6- ACCIDENTAL RELEASE MEASURES: Contain spill.
Recover material for use or proper disposal. Clean residue with aqueous mopping.

SECTION 7-HANDLING AND STORAGE: For best product stability avoid freezing and higher than normal ambient temperatures.

SECTION 8- EXPOSER CONTROL/PERSONAL PROTECTION

RESPIRATION PROTECTION

- None required under normal use. When sanding or spraying, use Nioshp100 dust and mist respirator. If conditions warrant, a vapor respirator for protection against ammonia may be used.

VENTILATION

- General dilution ventilation is recommended at a level sufficient to keep individuals asymptomatic to inhalation exposure.

PROTECTED GLOVES

- None required under normal use. For techniques requiring hand exposure gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

- None required under normal use.

WORK/HYGIENIC PRACTICES

- Use in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials. Avoid excessive skin contact, wash after working materials.

SECTION 9 – PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: > 100°C/212°F

SPECIFIC GRAVITY (H₂O=1): 1.1-1.3

VAPOR DENSITY: Heavier than air

pH: 8.5 – 9.2

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOR: Colored liquid-slight ammonia odor

SECTION 10- STABILITY AND REACTIVITY

Stability: Stable

INCOMPATIBILITY: May react with strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known

SECTION 11 TOXICOLOGICAL INFORMATION

Oral LD50 - rat: >5000 mg/kg

Dermal LD50 - rabbit: >5000 mg/kg

Eye Irritation – rabbit: minimal

Skin Irritation – rabbit: slight

SECTION 12- ECOLOGICAL INFORMATION

Not readily biodegradable. No other data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose as per local regulations. It is best to use all material, rather than dispose of it.

SECTION 14 – TRANSPORT INFORMATION

Not hazardous for shipping via any mode.

SECTION 15 – REGULATOR INFORMATION

Call for any further information required.

SECTION 16 - OTHER INFORMATION N/A