

# MATERIAL SAFETY DATA SHEET

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## SECTION I – PRODUCT IDENTIFICATION

Heavy Duty Non-Skid Coating

197-9015 Light Gray      197-9017 Green      197-9020 Yellow      197-9022 Beige  
197-9016 Dark Gray      197-9019 Red      197-9021 Black      197-9023 Sand

## SECTION II – HAZARDOUS INGREDIENTS

Chemical Name	CAS #	Weight %	TLV (TWA)	TLV (STEL)	PEL	Vapor Pressure (mm Hg)	Known or Suspected Carcinogen	Section 313 Reportable
Aliphatic Petroleum Distillates	64742-47-8	15-25	100 ppm	N/A	500 ppm	2.6 @ 68F	No	No
Silicon Dioxide – Silica	14808-60-7	35-50	0.025 mg/M3 (resp. dust)	N/A	10 mg/M3 (resp. dust) %SiO <sub>2</sub> +2	N/A	Yes	No
Hydrous Magnesium Silicate	14807-96-6	10-25	2 mg/M3 (resp. dust)	N/A	2 mg/M3 (resp. dust)	N/A	No	No
Titanium Dioxide	13463-67-7	0-10	10 mg/M3	N/A	15 mg/M3 (total dust)	N/A	No	No
Iron Oxide (Red)	1332-37-2	<5	5 mg/M3	N/A	10 mg/M3 (fume)	N/A	No	No
Carbon Black	1333-86-4	<5	3.5 mg/M3	N/A	3.5mg/M3	N/A	No	No
Cristobalite	14464-46-1	<5	0.025 mg/M3 (resp. dust)	N/A	(1/2 Silica PEL – See Above)	N/A	Yes	No

## SECTION III – PHYSICAL DATA

Boiling Range (°F)	Appearance/Odor	VOC (grams/liter)	Density (lbs/gal)	Volatile Weight (%)	Volatile Volume (%)	Vapor Density	Evaporation Rate	Solubility in Water
316-383	Viscous liquid / Solvent	<340	13.3+/- 0.5	19-22	40-44	Heavier than air	Slower than ether	Negligible

## SECTION IV – FIRE & EXPLOSION HAZARD DATA

Flash Point (°F)	Classification (OSHA)	Classification (DOT)	LEL (%)
105 (Setaflash)	Combustible Liquid – Class II	Combustible Liquid	0.7

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam

**Unusual Fire & Explosion Hazards:** Vapors are heavier than air and may travel along ground or may be moved by ventilation and ignited by pilot lights, sparks, flame, or other ignition sources at some distance from the handling point. Closed containers may build pressure and explode if exposed to extreme heat.

**Special Firefighting Procedures:** Water may be used to cool containers not involved in the fire to reduce pressure buildup. Firefighters should use self-contained breathing apparatus with full face-piece operated in pressure demand or other positive pressure mode. Spilled material will be slippery.

## SECTION V – HEALTH HAZARD DATA

**Effects of Overexposure:**

**Eyes:** Irritation, redness, burning, tearing, blurred vision.

**Skin:** Prolonged or repeated skin contact may cause irritation, defatting, dermatitis.

**Inhalation:** Respiratory tract irritation, dizziness, headache, blurred vision, weakness, fatigue. In severe cases, unconsciousness and/or asphyxiation may occur. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Long term overexposure to talc and/or silica can cause severe lung damage. IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group I – Carcinogenic to humans).

**Ingestion:** May cause nausea, vomiting, diarrhea.

**Medical Conditions Prone to Aggravation:** Respiratory tract sensitivity, allergies, skin conditions.

**Primary Route(s) of Entry:** Inhalation, Skin, Ingestion.

**Emergency & First Aid Procedures:**

**Eyes:** Flush with large amounts of water. Consult a physician if irritation persists.

**Skin:** Wipe off excess and then wash thoroughly with soap and water. Consult a physician if irritation persists.

**Inhalation:** If affected, remove person to fresh air and consult a physician. If breathing is difficult, administer oxygen and get medical attention. If breathing has stopped, give artificial respiration and get medical attention immediately. Keep person warm and quiet.

**Ingestion:** Get medical attention immediately. DO NOT INDUCE VOMITING unless directed to do so by qualified medical personnel. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. Keep person warm and quiet.

## SECTION VI – REACTIVITY DATA

**Stability:** Stable under normal storage conditions.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Hazardous Decomposition Products:** Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.

**Conditions to Avoid:** Do not store in areas of extreme temperature. Do not use near sparks, flame, or other ignition sources.

**Incompatibility:** Strong acids and alkalis, bleach, strong oxidizers.

## SECTION VII – SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Small spills may be absorbed on vermiculite, clay, or other absorbent. Sweep up powder and put in DOT approved waste containers. Large spills should be diked to contain the material and the liquid pumped into a salvage tank. Protect sewers, waterways, and environmentally sensitive areas from runoff.

**Waste Disposal Method:** Check company's policy on disposal. Disposal should be in accordance with all local, state, and federal regulations.

## SECTION VIII – SAFE HANDLING & USE INFORMATION

**Respirator Protection:** None normally required. Wear a vapor/mist and/or particulate respirator (NIOSH approved) if airborne concentrations are at or above applicable limits (see section II). In poorly ventilated or confined spaces, use a fresh air supplying respirator or self-contained breathing apparatus (NIOSH approved).

**Ventilation:** Sufficient ventilation in volume and pattern should be provided to keep air contamination below applicable limits (see section II).

**Protective Gloves:** Impermeable gloves.

**Eye Protection:** Chemical goggles or face shield.

**Other Protective Equipment:** Long sleeves, impervious boots and apron to protect from contact.

**Hygienic Practices:** Wash hands with soap and water after use and before eating, smoking, or using restroom.

## SECTION IX – SPECIAL PRECAUTIONS

**Precautions to be taken in Handling & Storage:** Keep closures tight and containers upright to prevent leakage. Do not store in high heat or allow material to freeze. Recommend storing in areas where temperature is kept at 60-80°F. Do not let personnel use without proper hazard safety training. KEEP OUT OF REACH OF CHILDREN. Do not store near sparks, flame or other sources of ignition.

**Other Precautions:** All containers should be disposed of in accordance with local, state, and federal regulations. Do not reuse containers. Empty containers will contain residue that that may be hazardous (see sections above).

## SECTION X- HMIS RATING

Health (H): 2      Flammability (F): 2      Reactivity (R): 0

## SECTION XI – STATE REGULATIONS

**California:** Proposition 65: **WARNING:** This product contains a chemical(s) known to the state of California to cause cancer, birth defects, or other reproductive harm.

All of this information must be included in all MSDS's that are copied and distributed for this material.

The data and recommendations presented herein are based upon a review of Harrison Paint Company files, published MSDS's and standard toxicological reference sources. Harrison Paint Company makes no guarantee or warranty, either express or implied, as to the accuracy or completeness of these data and recommendations.