

**MORTON PAINT COMPANY**

U.S. CHEMICAL & PLASTICS  
 An Alco Industries Company  
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**For Chemical Emergency**

CHEMTREC: 1-800-424-9300  
 CANUTEC: 1-613-996-6666  
 (For Canada call collect)

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**SECTION I - IDENTIFICATION OF PRODUCT**

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**PRODUCT NAME:** Sprayable Urethane Truck Bed Liner - Part A  
**PRODUCT CODE:** 1440/Black, 1445/Dark Gray, 1450/White, 1460/Blue,  
 1470/Red, 1480/Green, 1490 Yellow  
**SYNONYM/CROSS REFERENCE:** High Solids Coating  
**SCHEDULE B NUMBER:** 3210-00-0000

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**SECTION II - HAZARDOUS INGREDIENTS**

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INGREDIENTS	WGT%	CAS #	TLV/PEL
n-Butyl Acetate	1-5%	123-86-4	TWA: 150 ppm STEL 200 ppm
Carbon Black	0-2%	1333-86-4	TWA 3.5 mg/m <sup>3</sup> PEL 3.5 mg/m <sup>3</sup>
Talc	10-25%	14807-96-6	TWA 2 mg/m <sup>3</sup>
Amorphous Silicon Dioxide	1-5%	112945-52-5	TWA 20 mppcf
Titanium Dioxide	0-20%	13463-67-7	TWA 10 mg/m <sup>3</sup>
Light Aromatic Naphtha	1-5%	64742-95-6	TWA 100 ppm
Methyl Ethyl Ketone	10-25%	78-93-3	TWA 200 ppm
Proprietary Urethane Resin	35-50%	Supplier Trade Secret	N/E
Phthalo Blue	0-2%	147-14-8	N/E
Organic Red	0-2%	2786-76-7	N/E
Phthalo Green	0-2%	1328-53-6	N/E
Organic yellow	0-3%	31837-42-0	N/E
Crystalline Silica	<1%	14808-60-7	TLV 0.1 mg/m <sup>3</sup> PEL 0.1 mg/m <sup>3</sup>

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**SECTION III - PHYSICAL DATA**

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**APPEARANCE:** White, Black, Dark Gray, Blue, Red, Green or Yellow viscous liquid

**SPECIFIC GRAVITY:** 1.15-1.30

**VAPOR PRESSURE (mmHG):** N/E

**BOILING POINT:** N/E

**VAPOR DENSITY:** Heavier than air

**EVAPORATION RATE (Ethyl Ether = 1):** Slower than Ethyl Ether

**VOLATILES BY WEIGHT:** 13-26 %

**SOLUBILITY IN WATER:** Insoluble

**VOC (less water and exempts):** Grams/Litre =

	White	Black	Blue	Red	Green	Yellow	Dk Gray
As packaged	280 g/l	302 g/l	273 g/l	207 g/l	197 g/l	216 g/l	300 g/l
	2.34 #/gal	2.53 #/gal	2.28 #/gal	1.73 #/gal	1.64 #/gal	1.80 #/gal	2.50 #/gal
As mixed	2.11 g/l	230 g/l	206 g/l	157 g/l	150 g/l	163 g/l	228 g,
3:1 w/1435	1.77 #/gal	1.91 #/gal	1.72 #/gal	1.31 #/gal	1.26 #/gal	1.36 #/gal	1.90 #/gal

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**SECTION IV - FIRE AND EXPLOSION DATA**

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**FLASH POINT:** 25°F/ -4°C Seta Flash Closed cup

**LOWER FLAMMABLE LIMIT %:** N/E

**UPPER FLAMMABLE LIMIT %:** N/E

**FIRE EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

**SPECIAL FIRE FIGHTING PROCEDURES:** Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Closed containers exposed to high temperatures, such as fire conditions may rupture.

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**SECTION V - HEALTH HAZARD/TOXICOLOGICAL PROPERTIES**

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**OVEREXPOSURE EFFECTS:**

**ACUTE EFFECTS:**

**EYES:** Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

**SKIN:** Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed through the skin.

**INHALATION:** Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.

**INGESTION:** Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

**CHRONIC EFFECTS:**

Overexposure to this material has apparently been known to cause the following effects in lab animals: liver, kidney, blood, and central nervous system.

**CARCINOGEN:** YES \_\_\_\_\_ NO  X

**TERATOGEN:** YES \_\_\_\_\_ NO  X

**MUTAGEN:** YES \_\_\_\_\_ NO  X

This product contains Crystalline Silica (CS), which is considered a hazard by inhalation. CS is a known cause of silicosis, a non-cancerous lung disease. In 1997, IARC reclassified CS in the form of quartz from a group 2A - "probable human carcinogen" to a group 1 - "known human carcinogen". In 1991, NTP concluded that CS may reasonably be anticipated to be a carcinogen, based on sufficient evidence in experimental animals and limited evidence in humans. OSHA does not regulate CS as a carcinogen.

**PRIMARY ROUTES OF EXPOSURE:** skin, inhalation, eyes

**FIRST AID:**

- INHALATION:** If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.
- SKIN:** For skin contact, wash promptly with soap and excess water.
- EYES:** For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.
- INGESTION:** If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

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**SECTION VI - REACTIVITY DATA**  
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- STABILITY:** Stable
- CONDITIONS TO AVOID:** Open flames, sparks, heat, electrical and static discharge.
- INCOMPATIBILITY MATERIALS TO AVOID:** Strong acids, alkalis, oxidizers.
- HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Dioxide, Carbon Monoxide and Carbon.
- HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION VII - SPILL AND DISPOSAL PROCEDURE**  
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- SPILLS, LEAK OR RELEASE:** Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.
- WASTE DISPOSAL:** Dispose of in accordance with local, state, and federal regulations.

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**SECTION VIII - PROTECTION INFORMATION**  
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- RESPIRATORY PROTECTION:** If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.
- VENTILATION:** Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.
- PROTECTIVE GLOVES:** To prevent prolonged exposure use rubber gloves, solvents may be absorbed through the skin
- EYE PROTECTION:** Safety Glasses or goggles with splash guards or side shields.
- OTHER PROTECTIVE EQUIPMENT:** Wear protective clothing as required to prevent skin contact.

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**SECTION IX - HANDLING AND STORAGE PRECAUTIONS**  
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- STORAGE AND HANDLING:** Use with adequate ventilation. Avoid contact with eyes and skin. Avoid breathing vapors. Do not store the product above 100F/38C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalis and oxidizers.



PREPARED BY:

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REVISION:

Section III

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.