

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Telephone numbers:** (517) 546-4520  
**Manufacturer/Supplier:** CHEM-TREND LP  
P.O. BOX 860  
HOWELL, MI 48844-0860  
**Product Name:** Mono-Coat® 1906RB

## 2. HAZARDS IDENTIFICATION

**Physical State:** Liquid  
**Appearance:** Liquid  
**Color:** Clear Colourless  
**Odor:** Characteristic Solvent  
**Emergency Overview:** DANGER: FLAMMABLE!  
**Principle Routes of Exposure:** Skin, eyes, respiratory tract, gastrointestinal tract

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Light aliphatic naphtha	-	60 - 70%
Hydrocarbon naphtha 2	-	20 - 30%
Naphtha (petroleum), hydrotreated heavy	64742-48-9	5 - 10%
Resin blend	Proprietary	0.1 - 1.5%

## **Mono-Coat® 1906RB**

### **4. FIRST AID MEASURES**

<b>Skin contact:</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion:</b>	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Aspiration may cause pulmonary oedema and pneumonitis. Call a physician or Poison Control Centre immediately.
<b>Aggravated Medical Conditions:</b>	No information available.
<b>Notes to physician:</b>	No information available.

### **5. FIRE-FIGHTING MEASURES**

<b>Flash point:</b>	19 °F -7°C (Pensky-Martens, ASTM D 93, ISO 1523, ISO 2719, DIN 51 755, DIN 51758)
<b>Flame extension test, inches (aerosol products only):</b>	Not applicable or no information available.
<b>Suitable extinguishing media:</b>	Carbon dioxide (CO2). Dry chemical. Foam. Do not use a direct stream of water..
<b>Unusual hazards:</b>	Flammable.
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Specific methods:</b>	Standard procedure for chemical fires.
<b>Explosive properties:</b>	No information available.

### **6. ACCIDENTAL RELEASE MEASURES**

<b>Methods for cleaning up:</b>	
<b>Small spills:</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Take precautionary measures against static discharges.
<b>Large spills:</b>	Pick up and transfer to properly labelled containers. Take precautionary measures against static discharges.

### **7. HANDLING AND STORAGE**

<b>Handling:</b>	
<b>Technical measures/precautions:</b>	Ensure adequate ventilation. Take precautionary measures against static discharges.

**7. HANDLING AND STORAGE**

<b>Safe handling advice:</b>	Handle in accordance with good industrial hygiene and safety practice. Normal measures for preventive fire protection. Take precautionary measures against static discharges. Keep away from open flames, hot surfaces and sources of ignition Bond and ground containers during transfer of material. Do not puncture empty containers. Do not re-use empty containers for other materials.
<b>Storage:</b>	
<b>Technical measures/storage conditions:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep product and empty container away from open flames, hot surfaces and sources of ignition. Store at temperatures not exceeding 110°F.
<b>Incompatible products:</b>	Strong oxidizing agents.
<b>Other precautions:</b>	None

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Components	CAS-No.	ACGIH TWA:	OSHA - TWA:	OSHA - Skin Notations	OSHA Z3 Mineral Dusts
Light aliphatic naphtha	-	-	-	-	-
Hydrocarbon naphtha 2	-	-	-	-	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	-	-	-	-
Resin blend	Proprietary	-	-	-	-

<b>Engineering measures:</b>	Ensure adequate ventilation.
<b>Personal Protective Equipment</b>	
<b>Respiratory protection:</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection:</b>	Impervious gloves
<b>Eye protection:</b>	Tightly fitting safety goggles or safety glasses with side-shields
<b>Skin and body protection:</b>	Lightweight protective clothing. Usual safety precautions while handling the product will provide adequate protection against this potential effect.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Initial boiling point:</b>	219 °F , 104 °C
<b>Specific gravity:</b>	0.72
<b>Bulk density (lb/gal):</b>	6.00
<b>in mm Hg at 20 °C (68 °F):</b>	

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Vapor pressure</b>	No information available.
<b>Vapor density (Air = 1.0)</b>	Not determined.
<b>Evaporation rate:</b>	Not determined.
<b>Volatiles content (%):</b>	90 - 100%
<b>Water solubility:</b>	Insoluble
<b>pH of concentrate:</b>	Not applicable.
<b>Melting point/range:</b>	Not applicable
<b>Flash point:</b>	19 °F -7°C (Pensky-Martens, ASTM D 93, ISO 1523, ISO 2719, DIN 51 755, DIN 51758)
<b>Flammability limits in air:</b>	Percent by volume

Components	CAS-No.	Lower (%):	Upper (%):
Solvent 2	-	1.3	8.8
Light aliphatic naphtha	-	1.0	6.7
Registered trademark	-	No information available	No information available

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable.
<b>Conditions to avoid:</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Materials to avoid:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	Carbon oxides. Formaldehyde and silicon dioxide may be evolved at elevated temperatures.
<b>Polymerization:</b>	Hazardous polymerization does not occur..

**11. TOXICOLOGICAL INFORMATION****Acute toxicity****Component Information:**

Components	CAS-No.	LD50 Oral	LD50 Dermal	LC50 Inhalation
Light aliphatic naphtha	-	3000 mg/kg (Rabbit) 5000 mg/kg (Mouse)	3000 mg/kg (Rabbit) 5000 mg/kg (Mouse)	-
Hydrocarbon naphtha 2	-	3000 mg/kg (Rabbit) 5.28 mg/L (Rat) 5000 mg/kg (Rat)	3000 mg/kg (Rabbit) 5.28 mg/L (Rat) 5000 mg/kg (Rat)	5.28 mg/L ( Rat ) 4 h

**11. TOXICOLOGICAL INFORMATION**

Naphtha (petroleum), hydrotreated heavy	64742-48-9	3160 mg/kg (Rabbit) 5000 mg/kg (Rat)	3160 mg/kg (Rabbit) 5000 mg/kg (Rat)	-
Resin blend	Proprietary	-	-	-

**Acute effects** **Product contains proprietary ingredients. Health hazards are listed below.**

- Skin contact:** Prolonged contact may defat skin, causing irritation and/or dermatitis.
- Eye contact:** Contact with eyes may cause irritation.
- Inhalation:** High levels above the TLV cause stupor, headache, nausea, dizziness, unconsciousness, and may produce adverse effects on vision.
- Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, and diarrhea. Material entering lungs during swallowing or vomiting causes lung inflammation and other lung injury.
- Sensitization:** No information available.
- Other effects:** No information available.

**Chronic effects**

**Carcinogenic effects:**

Components	CAS-No.	NTP:	IARC:	OSHA:
Light aliphatic naphtha	-	No	No	No
Hydrocarbon naphtha 2	-	No	No	No
Naphtha (petroleum), hydrotreated heavy	64742-48-9	No	No	No
Resin blend	Proprietary	No	No	No

- Mutagenic effects:** No information available.
- Reproductive toxicity:** No information available.
- Target organ effects:** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**Method(s) of disposal:** Dispose of in accordance with local, state, and federal regulations.

**US EPA Waste number:** D001 because of its ignitability if the product is disposed of in its original form.

**14. TRANSPORT INFORMATION**

**IMDG - Marine Pollutants** This product does not contain marine pollutants as classified by the International Maritime Organization.

**14. TRANSPORT INFORMATION**

Emergency Response Guidebook 128  
(ERG) No:

Mode of Transportation:	UN/NA ID No:	Proper shipping name:	Technical name:	Hazard Class:		Packing group:
DOT - Non-Bulk	UN1866	Resin solution	-	3		II
DOT - Bulk	UN1866	Resin solution	-	3		II
Canadian TDG	UN1866	Resin solution	-	3		II
ICAO/IATA	UN1866	Resin solution	-	3		II
IMO/IMDG	UN1866	Resin solution	-	3		II

**15. REGULATORY INFORMATION****Federal Regulations**

**OSHA Hazardous Chemical:** Yes

**SARA Title III****CERCLA/SARA (304) Hazardous Substances and RQs**

Components	CAS-No.	Weight %	RQ
Light aliphatic naphtha	-	60 - 70%	-
Hydrocarbon naphtha 2	-	20 - 30%	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	5 - 10%	-
Resin blend	Proprietary	0.1 - 1.5%	-

**SARA (302) Extremely Hazardous Substances and RQs**

Components	CAS-No.	Weight %	RQs
Light aliphatic naphtha	-	60 - 70%	-
Hydrocarbon naphtha 2	-	20 - 30%	-
Naphtha (petroleum), hydrotreated heavy	64742-48-9	5 - 10%	-
Resin blend	Proprietary	0.1 - 1.5%	-

**SARA (311/312) Classification:**

**Acute health hazard:** Yes  
**Chronic health hazard:** No  
**Fire:** Yes  
**Sudden release of pressure:** No  
**Reactive:** No

**SARA (313) Toxic Chemicals**

Components	CAS-No.	Weight %	SARA (313) List
Light aliphatic naphtha	-	60 - 70%	Not Listed

**15. REGULATORY INFORMATION**

Hydrocarbon naphtha 2	-	20 - 30%	Not Listed
Naphtha (petroleum), hydrotreated heavy	64742-48-9	5 - 10%	Not Listed
Resin blend	Proprietary	0.1 - 1.5%	Not Listed

**International Inventories**

<b>Australia:</b>	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
<b>Canada:</b>	This product complies with NDSL
<b>China:</b>	This product complies with CLECS.
<b>Europe:</b>	This product complies with EINECS
<b>Japan:</b>	This product complies with ENCS/MITI.
<b>Korea:</b>	Listed on ECL.
<b>New Zealand:</b>	This product does not comply with NEWZ
<b>Philippines:</b>	This product complies with PICCS.
<b>United States:</b>	This product complies with TSCA.

**16. OTHER INFORMATION****Hazardous Material Information System (USA):**

**Health:** 1      **Flammability:** 3      **Physical hazard:** 0      **Personal Protection code:** H

**National Fire Protection Association (USA):**

**Health:** 1      **Flammability:** 3      **Instability:** 0      **Special Hazards:** None

All revisions are marked with one or more asterisks (\*)

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