



# MATERIAL SAFETY DATA SHEET

## SENTRX RUST PREVENTATIVE PRIMER YELLOW

HMIS Health- 2
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HMIS Fire- 3
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HMIS Reactivity- 0
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### 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

**PRODUCT NAME:** Sentrx Rust Preventative Primer Yellow  
**PRODUCT CODE:** 135200  
**MANUFACTURER:** Sampson Coatings  
**ADDRESS:** 1900 Ellen Road, Richmond, VA 23230  
**INQUIRY PHONE NUMBER:** 804.359.5070 (all non-emergency questions)  
**EMERGENCY PHONE NUMBER:** 800.424.9300 (Chemtrec)  
**DATE PREPARED:** 3/3/2009  
**VERSION:** 4.0

### 2 - COMPOSITION / HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	WT %
VM&P Naptha	64742-89-8	10 - 15
Xylenes	1330-20-7	0 - 5
Methyl Isobutyl Ketone	108-10-1	0 - 5
Mineral Spirits (66/3)	8052-41-3	5 - 10
Butyl Acetate	123-86-4	0 - 5
Ethylbenzene	100-41-4	< 0.5
Titanium Dioxide	13463-67-7	0 - 10
pigment	Proprietary	40 - 60
polymer	Proprietary	0 - 20

### 3 - HAZARDS



#### EMERGENCY OVERVIEW INSTRUCTIONS

Combustion fumes may be harmful.  
 May cause skin irritation on prolonged contact.  
 Vapors irritating to eyes and respiratory tract.

**EYE CONTACT:** May cause irritation.  
**SKIN CONTACT:** May cause slight skin irritation. May be absorbed through the skin. Prolonged or repeated contact may cause an allergic skin reaction.  
**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.  
**INGESTION:** May be harmful if swallowed. May cause vomiting.  
**CHRONIC HEALTH EFFECTS:** Prolonged overexposure to solvent vapors may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.  
**SIGNS / SYMPTOMS:** Overexposure may cause headaches and dizziness.  
**TARGET ORGANS:** No information found.  
**PRE-EXISTING CONDITIONS:** No information found.

**4 - FIRST AID**

EYE CONTACT:	Flush eyes with large amounts of water for 15 minutes. Get medical attention if symptoms of overexposure or irritation persists.
SKIN CONTACT:	Run a gentle stream of water over the affected area for 15 minutes. A mild soap may be used if available.
INHALATION:	Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment information.
INGESTION:	Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Contact a poison control center, emergency room or physician right away as further treatment may be necessary.

**5 - FIRE FIGHTING MEASURES**

FLASH POINT:	50 °F
EXTINGUISHING MEDIA:	Dry chemical, Carbon dioxide, Foam, Water spray for large fires
PROTECTIVE EQUIPMENT:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.
SPECIAL FIREFIGHTING PROCEDURES:	None.
UNUSUAL FIRE/EXPLOSION HAZARDS:	None.



NFPA Health- 2

NFPA Fire- 2

NFPA Reactivity- 0

**6 - ACCIDENTAL RELEASE MEASURES**

PERSONNEL PRECAUTIONS:	Use personal protective equipment.
ENVIRONMENTAL PRECAUTIONS:	Avoid runoff into ditches, storm sewers and other waterways.
SPILL CLEANUP MEASURES:	Absorb spill with inert material and place in a chemical waste container. Provide ventilation. Clean up spills immediately and observe precautions related to protective equipment.

**7 - HANDLING AND STORAGE**

HANDLING:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
STORAGE:	Store in a cool dry well ventilated area. Keep away from heat and flame.
HYGIENE:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

**8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS:	The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances. Appropriate measures include: Adequate explosion-proof ventilation to control airborne concentrations below the exposure guidelines/limits. Eye washes and showers for emergency use.
EYE / FACE PROTECTION:	Wear splash goggles on face to protect eyes.
SKIN PROTECTION:	Wear butyl rubber gloves, protective clothing and chemical resistant boots.
RESPIRATORY PROTECTION:	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers.
OTHER PROTECTIONS:	Facilities that store or utilize this material should be equipped with an eyewash facility and a safety shower.
PEL (OSHA) / TLV (ACGIH):	VM&P Naptha (64742-89-8) PEL (OSHA): Not Established TLV (ACGIH): Not Established  Xylenes (1330-20-7) PEL (OSHA): 100 ppm (TWA) TLV (ACGIH): 100 ppm (TWA), 150 ppm (STEL)

## Methyl Isobutyl Ketone (108-10-1)

PEL (OSHA): 100 ppm (TWA)

TLV (ACGIH): 50 ppm (TWA), 75 ppm (STEL)

## Mineral Spirits (66/3) (8052-41-3)

PEL (OSHA): 500 ppm (TWA)

TLV (ACGIH): 100 ppm (TWA)

## Butyl Acetate (123-86-4)

PEL (OSHA): 150 ppm (TWA)

TLV (ACGIH): 150 ppm (TWA); 200 ppm (STEL)

## Ethylbenzene (100-41-4)

PEL (OSHA): 100 ppm (TWA), 125 ppm (STEL)

TLV (ACGIH): 100 ppm (TWA)

## Titanium Dioxide (13463-67-7)

PEL (OSHA): 15 mg/m<sup>3</sup> (TWA)TLV (ACGIH): 10 mg/m<sup>3</sup> (TWA)**9 - PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL APPEARANCE:	Opaque Liquid
COLOR:	Yellow
FLASH POINT:	50 °F
BOILING RANGE:	242 - 355 °F
DENSITY:	11.1 - 11.5 lbs/gal
MATERIAL VOC (as supplied):	3.3 lbs/gal 399 g/l
COATING VOC (EPA Method 24):	3.3 lbs/gal 399 g/l

**10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY:	The risk for chemical reactivity is low to none.
HAZARDOUS POLYMERIZATION:	Hazardous polymerization will not occur.
MATERIALS TO AVOID:	None.
DECOMPOSITION PRODUCTS (FIRE):	carbon monoxide; carbon dioxide; aldehydes; hydrocarbons; oxides of nitrogen; organic chlorides

**11 - TOXICOLOGICAL INFORMATION**

LD <sub>50</sub> , LC <sub>50</sub> :	VM&P Naptha (64742-89-8 ) LD <sub>50</sub> (oral rat): 5000 mg/kg LC <sub>50</sub> (inhalation rat): Not Established
	Xylenes (1330-20-7 ) LD <sub>50</sub> (oral rat): 4300 mg/kg LC <sub>50</sub> (inhalation rat): 5000 ppm (4 hr)
	Methyl Isobutyl Ketone (108-10-1 ) LD <sub>50</sub> (oral rat): 2080 mg/kg LC <sub>50</sub> (inhalation rat): Not Established
	Mineral Spirits (66/3) (8052-41-3 ) LD <sub>50</sub> (oral rat): > 3000 mg/kg LC <sub>50</sub> (inhalation rat): > 5.5 mg/l (8 hr)
	Butyl Acetate (123-86-4 ) LD <sub>50</sub> (oral rat): 10,768 mg/kg LC <sub>50</sub> (inhalation rat): 390 ppm (4 hr)
	Ethylbenzene (100-41-4 ) LD <sub>50</sub> (oral rat): 3,500 mg/kg LC <sub>50</sub> (inhalation rat): Not Established
	Titanium Dioxide (13463-67-7 ) LD <sub>50</sub> (oral rat): Not Established LC <sub>50</sub> (inhalation rat): Not Established

**12 - ECOLOGICAL INFORMATION**

No data available.

## 13 - DISPOSAL CONSIDERATIONS

Waste from this product is hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of waste in accordance with Federal, State and Local regulations regarding pollution.

## 14 - TRANSPORT INFORMATION

DOT UN Number: UN 1263  
 DOT Hazard Class: Class 3 : Packing Group II  
 DOT Description/Name: Paint

## 15 - REGULATORY INFORMATION

TSCA CERTIFICATION: The chemicals in this material are on the TSCA Section 8 Inventory.

SARA 313: This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

VM&P Naptha (64742-89-8); Xylenes (1330-20-7); Methyl Isobutyl Ketone (108-10-1);  
 Zinc Oxide (1314-13-2); Chrome (III) Oxide (1308-38-9)

California Proposition 65: This product contains a toxic chemical or chemicals listed by California as known to cause cancer, birth defects or other reproductive harm in compliance with Proposition 65, the Safe Drinking Water and Toxic Enforcement Act of 1986 (concentration > 0.1% by weight):

Methyl Isobutyl Ketone (108-10-1); Ethylbenzene (100-41-4); Chrome (III) Oxide (1308-38-9)

## 16 - OTHER INFORMATION

### HMIS Key

4 = Severe Hazard  
 3 = Serious Hazard  
 2 = Moderate Hazard  
 1 = Slight Hazard  
 0 = Minimal Hazard

### Acronyms and Abbreviations

ACGIH - American Conference of Governmental Industrial Hygiene (<http://www.acgih.org>)  
 OSHA - U.S. Occupational Health and Safety Administration (<http://www.osha.gov>)  
 IARC - International Agency for Research on Cancer (<http://www.iarc.fr>)  
 NTP - National Toxicology Program (<http://ntp.niehs.nih.gov>)  
 NIOSH - National Institute for Occupational Safety and Health (<http://www.cdc.gov/niosh>)

PEL - Permissible Exposure Limit  
 TLV - Threshold Limit Value  
 TWA - Time Weighted Average (over 8 hour period)  
 STEL - Short Term Exposure Limit

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