

**MATERIAL SAFETY DATA SHEET**

MINERAL SPIRITS

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**PRODUCT NAME: 800 MINERAL SPIRITS**  
**PRODUCT CODE: MINERAL SP**

**HMIS CODES: H F R P**  
**1 3 0 X**

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

MANUFACTURER'S NAME: RILEY PAINT COMPANY  
ADDRESS : 860 WASHINGTON  
BURLINGTON, IOWA 52601

EMERGENCY PHONE : 1-800-424-9300      DATE PRINTED : 11/12/2008  
INFORMATION PHONE : 319-753-0105      NAME OF PREPARER : RILEY, INC.

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE MM HG @ TEMP	WEIGHT PERCENT
MINERAL SPIRITS/STODDARD SOLVENT OSHA PEL: 500 ppm, ACGIH TLV: 100 ppm	64742-88-7	4.6      68.00000	100
140S/MEDIUM ALIPHATIC SOLVENT NAPHTHA OSHA PEL: 100 PPM, ACGIH TLV: 100 PPM	64742-88-7	0.10000      100.0000	96
TRIMETHYL BENZENE ACGIH TLV: 25PPM	25551-13-7	0.00000      0.00000	2
* XYLENE/DIMETHYLBENZENE OSHA PEL/TWA: 100, ACGIH TLV/STEL: 150, OSHA/STEL: 150 STEL, ACGIH TLV/TWA: 100	1330-20-7	7.00000      68.00000	2

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.  
N/A

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING RANGE: 76 deg F - 350 deg F      SPECIFIC GRAVITY (H2O=1): .78  
VAPOR DENSITY: HEAVIER THAN AIR      EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C.: 6.49 lb/gl      MATERIAL V.O.C.: 6.49 lb/gl  
SOLUBILITY IN WATER: NEGLIGIBLE  
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID; PETROLEUM ODOR

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: 81 deg F      METHOD USED: TCC  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.70000      UPPER: 7.00000  
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPRESS THE VAPORS AND TO PROVIDE PROTECTION FOR PERSONS ATTEMPTING TO STOP THE LEAK.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

VAPORS HEAVIER THAN AIR, MAY TRAVEL, BE IGNITED AT REMOTE LOCATIONS AND FLASH BACK. EXPLOSIVE AIR-VAPORS MISTURES MAY OCCUR.

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===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

**CONDITIONS TO AVOID**

Elevated temperatures and open containers

**INCOMPATIBILITY (MATERIALS TO AVOID)**

STRONG OXIDIZING AGENTS

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

CARBON MONOXIDE & CARBON DIOXIDE MAY BE FORMED ON BURNING IN LIMITED AIR SUPPLY

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

RESPIRATORY IRRITATION, DIZZINESS, DROWSINESS AND, IN POORLY VENTILATED/CONFINED SPACES, UNCONSCIOUSNESS, ASPHYXIATION MAY BE RESULT.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

SKIN-BELIEVED TO BE MODERATELY IRRITATED BELIEVED TO CAUSE REDNESS, EDEMA OR DRYING OF THE SKIN. EYES-BELIEVED TO CAUSE MODERATE EYE IRRITATION.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

N/A

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

N/A

**HEALTH HAZARDS (ACUTE AND CHRONIC)**

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING OR CRACKING OF THE SKIN. PETROLEUM HYDROCARBON SOLVENTS CONTAINING LOW MOLECULAR WEIGHT BRANCHED ALIPHATIC HYDROCARBONS HAVE BEEN ASSOCIATED WITH KIDNEY DAMAGE IN MALE RATS UPON REPEATED EXPOSURE. THE SIGNIFICANCE OF THESE FINDINGS IN HUMANS HAS NOT BEEN ESTABLISHED AS SIMILAR EFFECTS ARE NOT GENERALLY OBSERVED IN FEMALE RATS OR MICE OF EITHER SEX

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED:**

Yes

N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

N/A

**EMERGENCY AND FIRST AID PROCEDURES**

EYE-FLUSH THOROUGHLY WITH WATER FOR AT LEAST FIFTEEN MINUTES. GET MEDICAL ATTENTION. SKIN-WASH EXPOSED AREAS WITH SOAP AND WATER. INGESTION-DO NOT INDUCE VOMITING. CALL A DOCTOR IMMEDIATELY. INHALATION-SHOULD SYMPTOMS NOTED UNDER PHYSIOLOGICAL EFFECTS OCCUR, REMOVE TO FRESH AIR. IF NOT BREATHING, APPLY ARTIFICIAL RESPIRATION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

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AVOID CONTACT WITH EYES. VENTILATE AREA. AVOID BREATHING VAPOR. USE SELF-CONTAINED BREATHING APPARATUS OR SUPPLIED AIR MASK FOR LARGE SPILLS IN CONFINED AREAS. CONTAIN SPILL IF POSSIBLE.

**WASTE DISPOSAL METHOD**

RE-EVALUATION OF THE PRODUCT MAY BE REQUIRED BY THE USER AT THE TIME OF DISPOSAL, SINCE THE PRODUCT USES, TRANSFORMATIONS, MIXTURES AND PROCESSES MAY CHANGE CLASSIFICATION TO NON-HAZARDOUS OR HAZARDOUS FOR REASONS OTHER THAN, OR IN ADDITION TO IGNITABILITY.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

STORE AWAY FROM HEAT AND OPEN FLAME.

**OTHER PRECAUTIONS**

N/A

===== **SECTION VIII - CONTROL MEASURES** =====

**RESPIRATORY PROTECTION**

SUPPLIED AIR RESPIRATORY PROTECTION FOR CLEANING LARGE SPILLS OR UPON ENTRY INTO TANKS, VESSELS OR OTHER CONFINED SPACES

**VENTILATION**

LOCAL EXHAUST VENTILATION RECOMMENDED.

**PROTECTIVE GLOVES**

CHEMICAL RESISTANT GLOVES

**EYE PROTECTION**

Chemical goggles.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

UNIFORMS, COVERALLS OR LAB COATS.

**WORK/HYGIENIC PRACTICES**

Wash hands before eating or using the washroom. Smoke in smoking areas only.

===== **SECTION IX - TRANSPORTATION INFORMATION** =====

N/A

===== **SECTION X - DISCLAIMER** =====

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