Material Safety Data Sheet

Section 1 General Information

Manufacturer:
Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, IL 60061
24 Hour Assistance: 1-847-367-7700
www.rustoleum.com **Date: April 29, 2009**

Product Name: **Zinsser High Hide Cover Stain**

Codes: 03550 03551 03553 03554 03556 03559 03590 03593

Section 2 Hazardous Ingredients

Hazardous Component	CAS#	OSHA PEL	ACGIH TLV
Aromatic 100	64742-95-6	500 ppm	N/E
Limestone	1317-65-3	15 mg/m^3 * (5 mg/m^3 **)	10 mg/m^3 = (3 mg/m^3 **)
Mineral Spirits	8052-41-3	500 ppm	100 ppm
Quartz	14808-60-7	0.1 mg/m^3 **	0.1 mg/m^3 **
Talc	14807-96-6	20 mppcf	2 mg/m^3 *
Titanium dioxide	13463-67-7	15 Mg/m^3 *	10 Mg/m^3

* Total Dust ** Respirable Dust Fraction

Section 3 Hazard Identification

Emergency Overview: This material is a solvent-based primer-sealer used to coat wood and other surfaces before painting. This material is a white flowable liquid with a flash point of 105° F.

Primary Potential Routes of Exposure:

Inhalation
Skin Contact
Eye Contact

Potential Acute Health Effects:

Eye: May cause eye irritation.

Skin: May cause irritation or dermatitis.

Ingestion: Although not considered a significant route of exposure, ingestion may cause gastrointestinal irritation if ingested.

Inhalation: Inhalation of vapors may cause respiratory tract irritation.

(See also Sections 4, 8, and 11for related information)

Section 4 First Aid Measures

Eye contact: Flush eyes with water for 15 minutes. Get medical attention.

Skin contact: Wash with soap and water. If irritation persists, get medical attention.

Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center immediately.

Inhalation: If exposed to excessive levels of vapor, remove person to fresh air. Seek medical attention if cough or other symptoms develop.

Section 5 Fire Fighting Measures

Flash Point [method]: 105° F (41° C) [Seta-Flash]

Extinguishing Media: Water, All purpose dry chemical (ABC), CO_2, or foam.

Protection of Firefighters: As in any fire, wear self-contained breathing apparatus in pressure demand mode and full protective gear.

Section 6 Accidental Release Measures

Clean Up Methods: Eliminate all ignition sources. Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

Section 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing.

Storage: Store in a cool dry place away from excessive heat or open flame. Do not store near oxidizers.

Section 8 Exposure Controls / Personal Protection

Engineering Controls: Use in well-ventilated areas. If necessary, use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations.

Personal Protective Equipment (PPE):

Eye Protection: Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact.

Skin Protection: Avoid unnecessary skin contact. It is recommended that rubber gloves be worn to prevent skin contact. Depending on conditions of use additional protective equipment may be necessary such as face-shield, apron or coveralls.

Respiratory Protection: None required for normally expected use conditions. If exposure limits are exceeded or if irritation is experienced, appropriate NIOSH approved respiratory protection with organic vapor cartridges should be worn.

General Hygiene Practices: Wash after handling material. Prevent Eye contact. Avoid prolonged skin and inhalation contact. Wash thoroughly before handling food, cosmetics, or before smoking.

Section 9 Physical Data

Appearance:	White, flowable liquid	**Odor**:	Petroleum hydrocarbon odor
Physical State:	Liquid	**pH**:	N/A (solvent based system)
Boiling Point:	~325° F	**Melting Point**:	N/A
Vapor Pressure:	10 mm Hg @ 100°F	**Vapor Density*** (Air =1):	5.14 @ 1 Atm.
Odor Threshold:	N/D	**Viscosity**:	2200 cps
Solubility in Water:	Little to none.	**Specific Gravity** (water = 1):	1.5
VOC Content:	≤ 350 g/l		

* Based on solvent.

Section 10 Stability and Reactivity

Stability: This material is stable.

Hazardous Polymerization: Not expected or known to occur.

Hazardous Decomposition Products: None known.

Conditions to Avoid: Keep away from heat and open flames.

Incompatibility: Strong oxidizing agents.

Section 11 Toxicological Information

Carcinogenicity: The following ingredients are present at greater than 0.1% and are classified by IARC, NTP, or OSHA as carcinogenic:

Ingredient	CAS #	IARTC	NTP	OSHA
quartz	14808-60-7	Yes	Yes	No

(See also Section 15 for related information)

Section 12 Ecological Information

Chemical Fate and Effects: No data available.

Section 13 Disposal Considerations

RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of ignitability (D001). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

Section 14 Transportation Information

Regulated by DOT: No (Combustible liquid)

Section 15 Regulatory Information

CERCLA:

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
None	N/A	N/A

SARA Title III, section 311/312:
The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
None	N/A	N/A

SARA Title III, section 313:
The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
Xylene	1330-20-7	0.2 %

TSCA:

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product contains the following chemicals which require export notification under section 12(b) of the TSCA regulation:

Chemical Name	CAS#	TSCA Section
Methyl ethyl ketoxime	96-29-7	Sec. 4

Section 16 Other Information

Legend: **N/A**: Not Applicable **N/D**: Not Determined
N/E: Not Established **N/R**: Not Required

STEL: Short Term Exposure Limit
C: OSHA Ceiling Value
PPM: Parts Per Million
PPB: Parts Per Billion
PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
TWA: Time Weighted Average
mg/m^3: Milligrams per cubic Meter
mppcf: Million particles per cubic foot of air.
ACGIH: American Conference of Governmental Industrial Hygienists
DOT: United States Department of Transportation
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)
RCRA: Resource Conservation and recovery Act
SARA: Superfund Amendment and Reauthorization Act
TSCA: Toxic Substance Control Act
FHSA: Federal Hazardous Substance Act

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