# 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 6, 2009**

**Product Name:** **Zinsser Spray Shellac**

**Product Codes:** 00408 00418 00499 10118

## Section 2 Hazardous Ingredients

| Hazardous Component | CAS# | OSHA PEL | ACGIH TLV |
|---|---|---|---|
| Acetone | 67-64-1 | 1000 ppm | 500 ppm |
| n-Butyl Alcohol | 71-36-3 | 50 ppm (skin) | 50 ppm (skin) |
| Ethanol | 64-17-5 | 1000 ppm | 1000 ppm |
| Isobutane | 75-28-5 | N/E | N/E |
| Isopropanol | 67-63-0 | 400 ppm | 400 ppm |
| Propane | 74-98-6 | 1000 ppm | 2500 ppm |

## Section 3 Hazard Identification

**Emergency Overview:** This material is an aerosol spray shellac coating. The aerosol container is pressurized and extremely flammable.

**Primary Routes of Exposure:**

Inhalation
Skin Contact
Eye Contact

**Potential Acute Health Effects:**

**Eye:** May cause eye irritation.

**Skin:** Prolonged contact may cause skin irritation.

**Ingestion:** Although ingestion is not anticipated route of exposure, this material can be harmful if swallowed. It may cause depression of the central nervous system, nausea, and vomiting.

**Inhalation:** May cause headache, drowsiness, dizziness, nausea, and respiratory tract irritation.

**Potential Chronic Health Effects:** None known.

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

## Section 4 First Aid Measures

**Eye contact:** Flush eyes with water for 15 minutes.

**Skin contact:** Wash affected area with soap and water.

**Ingestion:** Call a physician or poison control center.

**Inhalation:** Remove person to fresh air. Contact physician or poison control center if symptoms persist.

## Section 5 Fire Fighting Measures

**Flash Point** (method)**:** < 32° F (< 0° C)

**Extinguishing Media:** Foam, $CO_2$, dry chemical, water fog.

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

**Fire and Explosion Hazards:** Contents under pressure. Containers can build up pressure if exposed to heat (fire).

## Section 6 Accidental Release Measures

**Personal Precautions:** Use with adequate ventilation. Avoid breathing vapors. Avoid contact with eyes and skin. Do not eat, drink or smoke in areas of use or storage.

**Clean Up Methods:** Dispose of in accordance with federal, state, local, regulations.

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

## Section 7 Handling and Storage

**Handling**: Keep away from heat, spark, and flame. Keep operating temperatures below ignition temperatures at all times. Use only in a well-ventilated area.

**Storage**: Store at ambient or lower temperature. Keep containers tightly closed and upright when not in use. Protect against physical damage. Contents under pressure. Do not expose to heat.

## Section 8 Exposure Controls / Personal Protection

**Engineering Controls:** Local exhaust ventilation may be necessary to control vapors within applicable exposure limits.

### Personal Protective Equipment (PPE):

**Eye Protection:** Wear safety glasses, splash goggles, or full-face shield to prevent eye contact.

**Skin Protection:** Wear rubber gloves to prevent skin contact.

**Respiratory Protection:** Use NIOSH approved respirator with organic vapor cartridges if vapor levels exceed allowable workplace exposure limits.

**General Hygiene Practices**: Wash thoroughly after handling. Prevent Eye contact. Avoid prolonged skin or inhalation contact.

## Section 9 Physical Data

| | | | |
|---|---|---|---|
| **Appearance:** | Aerosol mist. | **Odor:** | Alcohol type odor. |
| **Physical State:** | Spray mist | **pH:** | N/A |
| **Boiling Point:** | N/D | **Melting Point:** | N/D |
| **Vapor Pressure:** | N/D | **Vapor Density:** | Greater than air |
| **Odor Threshold:** | N/D | **Viscosity:** | N/D |
| **Solubility in Water:** | N/D | **Specific Gravity** (water = 1)**:** | 1.0 |

## Section 10 Stability and Reactivity

| | |
|---|---|
| **Stability:** | Stable, non-reactive. |
| **Hazardous Polymerization:** | Will not occur. |
| **Hazardous Decomposition Products:** | None known. |
| **Conditions to Avoid:** | Heat, sparks, and open flames. |

## Section 11 Toxicological Information

**Carcinocenicity:** This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

(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:** Yes

**DOT Proper Shipping Name:** Aerosols, Flammable

**UN / NA Number:** UN 1950

**Class**: 2.1, Flammable Gas

## 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. %) |
|---|---|---|
| n-Butyl Alcohol | 71-36-3 | 3 % |
| Methyl Isobutyl Ketone | 108-10-1 | 0.5 % |

**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 |
|---|---|---|
| None | | |

## 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
**cps**: Centipoise
**mg/m$^3$**: milligrams per cubic meter
**mppcf**: million particles per cubic foot of air.
**PPM**: Parts Per Million
**PPB**: Parts Per Billion
**PEL**: Permissible Exposure Limit
**TLV**: Threshold Limit Value
**TWA**: Time Weighted Average
**ACGIH**: American Conference of Governmental Industrial Hygienists
**CPSC**: Consumer Product Safety Commission
**DOT**: US Department of Transportation
**FHSA**: Federal Hazardous Substance Act
**OSHA**: Occupational Safety and Health Administration (US Dept. of Labor)
**RCRA**: Resource Conservation and Recovery Act

**SARA**: Superfund Amendment and Reauthorization Act
**Skin**: This substance has the potential to be absorbed systemically through the skin.
**TSCA**: Toxic Substance Control Act

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