



## SAFETY DATA SHEET

Revision date 25-Apr-2015

Version 2

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Code** IF2779N

**Product Name** RED URETHANE

**Other means of identification**

No information available

**Recommended use of the chemical and restrictions on use**

Paint, Coatings

**Details of the supplier of the safety data sheet**

*See section 16 for more information*

The Valspar Corporation  
PO Box 1461  
Minneapolis, MN 55440

**E-mail address** [msds@valspar.com](mailto:msds@valspar.com)

**Emergency telephone number**

United States of America 1-888-345-5732

American Samoa, Guam, Northern Mariana Islands, Puerto Rico, U.S. Virgin Islands 1-800-255-3924

### Section 2: HAZARDS IDENTIFICATION

**Classification**

|                           |            |
|---------------------------|------------|
| Respiratory sensitization | Category 1 |
| Skin sensitization        | Category 1 |

**Label elements**

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**Signal word**

**DANGER**

**HAZARD STATEMENTS**

May cause allergy or asthma symptoms or breathing difficulties if inhaled  
May cause an allergic skin reaction

**PREVENTION**

Avoid breathing dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

**RESPONSE**

Get medical advice/attention if you feel unwell.

**Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Inhalation**

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**Ingestion**

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

**STORAGE**

Store in a closed container.

**DISPOSAL**

Dispose of contents/containers in accordance with local regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

Not applicable. May form combustible dust concentrations in air.

**OTHER HAZARDS**

Not applicable.

**UNKNOWN ACUTE TOXICITY**

0% of the mixture consists of ingredient(s) of unknown toxicity.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name         | CAS No     | weight-%  |
|-----------------------|------------|-----------|
| Trimellitic anhydride | 552-30-7   | 0.3 - 1   |
| Titanium dioxide      | 13463-67-7 | 0.1 - 0.3 |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**Section 4: FIRST AID MEASURES**

**First Aid Measures**

**General advice**

Get medical advice/attention if you feel unwell.

**Eye contact**

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### **Skin Contact**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

#### **Inhalation**

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

#### **Ingestion**

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

#### **Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

#### **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

### **Section 5: FIRE FIGHTING MEASURES**

#### **Suitable extinguishing media**

Water spray (fog). Carbon dioxide (CO<sub>2</sub>). Alcohol resistant foam.

Not to be used for safety reasons: Inert gas under high pressure (e.g. CO<sub>2</sub>), water jet

#### **Specific hazards arising from the chemical**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation. May cause sensitization by skin contact.

#### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

### **Section 6: ACCIDENTAL RELEASE MEASURES**

#### **Personal precautions, protective equipment and emergency procedures**

##### **Personal precautions**

Remove all sources of ignition. Do not breathe dust. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

##### **For emergency responders**

Use personal protection recommended in Section 8.

##### **Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so.

#### **Methods and material for containment and cleaning up**

##### **Methods for containment**

Prevent further leakage or spillage if safe to do so.

##### **Methods for cleaning up**

Dispose of waste product or used containers according to local regulations. Do not use a dry brush as dust clouds or static can be created. Take up mechanically, placing in appropriate containers for disposal. Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

### **Section 7: HANDLING AND STORAGE**

## **Precautions for safe handling**

### **General advice**

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be exposed to any process in which this product is used. Examination of lung function should be carried out on a regular basis on persons spraying this product.

### **Advice on safe handling**

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Comply with the health and safety at work laws. Prevent product from entering drains. Do not breathe dust/fume/gas/mist/vapors/spray.

### **General Hygiene Considerations**

Avoid contact with skin, eyes or clothing. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

## **Conditions for safe storage, including any incompatibilities**

### **Storage Conditions**

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### **Incompatible materials**

Strong oxidizing agents.

## **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Control parameters**

#### **Exposure Limits**

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

| <b>Chemical Name</b>              | <b>ACGIH TLV</b>   | <b>OSHA PEL</b>                      | <b>NIOSH IDLH</b>  |
|-----------------------------------|--|--------------------------------------|--|
| Trimellitic anhydride<br>552-30-7 | STEL: 0.002 mg/m <sup>3</sup> inhalable<br>fraction and vapor<br>TWA: 0.0005 mg/m <sup>3</sup> inhalable<br>fraction and vapor<br>S* |                                      | TWA: 0.005 ppm should be handled<br>in the workplace as extremely toxic<br>TWA: 0.04 mg/m <sup>3</sup> should be<br>handled in the workplace as<br>extremely toxic |
| Titanium dioxide<br>13463-67-7    | TWA: 10 mg/m <sup>3</sup>  | TWA: 15 mg/m <sup>3</sup> total dust | IDLH: 5000 mg/m <sup>3</sup>   |

### **Appropriate engineering controls**

#### **Engineering Controls**

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe dust.

### **Individual protection measures, such as personal protective equipment**

#### **Eye/face protection**

Tight sealing safety goggles.

#### **Skin and body protection**

Wear suitable protective clothing. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at neck and wrists through contact with the powder are avoided. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

#### **Hand Protection**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance.

**Respiratory protection**

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Thermal Protection**

No information available

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

|                                      |                                  |
|--------------------------------------|----------------------------------|
| <b>Physical state</b>                | powder                           |
| <b>Appearance</b>                    | No information available         |
| <b>Odor</b>                          | Odorless                         |
| <b>Color</b>                         | red                              |
| <b>Odor Threshold</b>                | No information available         |
| <b>pH value</b>                      | No information available         |
| <b>Melting point/freezing point</b>  | No information available         |
| <b>Boiling point / boiling range</b> | No information available °C / °F |
| <b>flash point</b>                   | 510 °C / 950 °F                  |
| <b>evaporation rate</b>              | No information available         |
| <b>Flammability (solid, gas)</b>     | No information available         |
| <b>Flammability Limit in Air</b>     |                                  |
| <b>Upper flammability limit:</b>     | No information available         |
| <b>Lower flammability limit:</b>     | No information available         |
| <b>Vapor Pressure</b>                | No information available         |
| <b>vapor density</b>                 | No information available         |
| <b>Density (lbs per US gallon)</b>   | 9.85                             |
| <b>specific gravity</b>              | 1.18                             |
| <b>Solubility(ies)</b>               | No information available         |
| <b>Partition coefficient</b>         | No information available         |
| <b>Autoignition temperature</b>      | No information available         |
| <b>Decomposition temperature</b>     | No information available         |
| <b>Kinematic viscosity</b>           | No information available         |
| <b>Dynamic viscosity</b>             | No information available         |

**Other information****Section 10: STABILITY AND REACTIVITY**

|   |   |
|---|---|
| <b>Reactivity</b>                         | No information available.   |
| <b>Chemical stability</b>                 | Stable under normal conditions.   |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.   |
| <b>Hazardous polymerization</b>           | None under normal processing.   |
| <b>Conditions to avoid</b>                | Heat, flames and sparks.  |
| <b>Incompatible materials</b>             | Strong oxidizing agents.  |
| <b>Hazardous Decomposition Products</b>   | Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Nitrogen oxides (NO <sub>x</sub> ). |

**Section 11: TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Eye contact**

Not applicable

**Skin Contact**

May cause an allergic skin reaction

**Ingestion**

Not applicable

**Inhalation**

Not applicable

**Numerical measures of toxicity - Component Information**

| Chemical Name                     | Oral LD50             | Dermal LD50             | Inhalation LC50         |
|-----------------------------------|-----------------------|-------------------------|-------------------------|
| Trimellitic anhydride<br>552-30-7 | = 2030 mg/kg ( Rat )  | > 2000 mg/kg ( Rabbit ) | > 2.33 mg/L ( Rat ) 4 h |
| Titanium dioxide<br>13463-67-7    | > 10000 mg/kg ( Rat ) | -                       | -                       |

**Numerical measures of toxicity - Product Information****UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Carcinogenicity**

According to IARC, Volume 93, no significant exposure to primary particles of titanium dioxide is thought to occur from use in paints since the pigment is bound to other materials. According to IARC, Volume 93, no significant exposure to primary particles of carbon black is thought to occur from use in paints since the pigment is bound to other materials.

| Chemical Name                  | ACGIH | IARC     | NTP | OSHA |
|--------------------------------|-------|----------|-----|------|
| Titanium dioxide<br>13463-67-7 |       | Group 2B |     | X    |

*IARC (International Agency for Research on Cancer)**Group 2B - Possibly Carcinogenic to Humans.**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present.*

|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>                          | Not applicable  |
| <b>Serious eye damage/eye irritation</b>                  | Not applicable  |
| <b>Skin sensitization</b>                                 | May cause an allergic skin reaction                                       |
| <b>Respiratory sensitization</b>                          | May cause allergy or asthma symptoms or breathing difficulties if inhaled |
| <b>Germ cell mutagenicity</b>                             | Not applicable  |
| <b>Carcinogenicity</b>                                    | Not applicable  |
| <b>Reproductive Toxicity</b>                              | Not applicable  |
| <b>Specific target organ toxicity (single exposure)</b>   | Not applicable  |
| <b>Specific target organ toxicity (repeated exposure)</b> | Not applicable  |
| <b>Aspiration hazard</b>                                  | Not applicable  |

**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity**

Environmental precautions Prevent product from entering drains.

**Persistence and degradability**

No information available

**Bioaccumulation**

No information available

**Mobility**

No information available

**Other adverse effects**

No information available

**Section 13: DISPOSAL CONSIDERATIONS**

## Waste treatment methods

|                               |  |
|-------------------------------|--|
| <b>Disposal of wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations.                            |
| <b>Contaminated packaging</b> | Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned. |

## Section 14: TRANSPORT INFORMATION

|  |                                    |                                     |                                     |
|--|------------------------------------|-------------------------------------|-------------------------------------|
| <b>14.1 UN/ID no</b>   | <b><u>DOT</u></b><br>Not regulated | <b><u>IMDG</u></b><br>Not regulated | <b><u>IATA</u></b><br>Not regulated |
| <b>14.2 Proper shipping name</b>   |                                    |                                     |                                     |
| <b>14.3 Hazard Class</b>   |                                    |                                     |                                     |
| <b>14.4 Packing Group</b>  |                                    |                                     |                                     |
| <b>14.5 Environmental hazard</b>   | Not applicable                     |                                     |                                     |
| <b>14.6 Special Provisions</b>   |                                    |                                     |                                     |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | No information available           |                                     |                                     |

## Section 15: REGULATORY INFORMATION

### International Inventories

|   |  |
|---|--|
| <b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory | All components are listed or exempt from listing |
| <b>DSL</b> - Canadian Domestic Substances List                                  | All components are listed or exempt from listing |

### US Federal Regulations

#### SARA 311/312 Hazard Categories

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

### US State Regulations

**Rule 66 status of product**  
Not photochemically reactive.

#### U.S. EPA Label information

**EPA Pesticide registration number** Not applicable

#### U.S. State Right-to-Know Regulations

|  |
|--|
| Chemical Name  |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |
| Proprietary Non-Hazardous Ingredient - Proprietary CAS |

## Section 16: OTHER INFORMATION

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**HMIS****Health hazards** 2\*

\* = Chronic Health Hazard

**Flammability** 1**Physical hazards** 0**Personal Protection** X**Supplier Address**

|                          |                         |
|--------------------------|-------------------------|
| Valspar Coatings         | Valspar Powder Coatings |
| 10300 Claude Freeman Dr. | 13129 Harland Dr. NE    |
| Charlotte, NC 28262      | Covington, GA 30014     |
| 704-548-2820             | 770-784-4140            |

**Prepared By** Product Stewardship**Revision date** 25-Apr-2015**Revision Note** No information available**Disclaimer**

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**End of Safety Data Sheet**