

# Safety Data Sheet

Revision Date: 01-11-2016  
Product Code: 15253

## 1. IDENTIFICATION

Product Name	AIR DRY H/S RED OXIDE PRIMER
Product Code	15253
Document ID	G15253
Revision Number	1
Prior Version Date	None
Intended Use	Primer, OEM
Restrictions On Use	For Industrial Use Only
Chemical Family	Alkyd Primer
Chemical Manufacturer / Importer	JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 International: 703-527-3887

## 2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

### Hazard Pictograms



### GHS Classification

Carcinogenicity Category 1A  
Flammable Liquid Category 2  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2  
Reproductive Toxicity Category 2  
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2  
Acute Toxicity - Inhalation Vapour Category 4

### Signal Word

Danger

### Hazard Statements

Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause cancer. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

### Precautionary Statements

#### Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fume, mist, vapours or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated

# Safety Data Sheet

Revision Date: 01-11-2016

Product Code: 15253

## Response

area. Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. Call a POISON CENTER or physician if you feel unwell. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray for extinction.

## Storage

Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

## Disposal

Dispose of contents and container in accordance with all local, regional, national and international regulations.

## Hazards Not Otherwise Classified (HNOC)

Not applicable

## Additional Information

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Component</u>	<u>CAS #</u>	<u>%</u>
Light aliphatic solvent naphtha	64742-89-8	7 - 13
Light aromatic solvent naphtha	64742-95-6	5 - 10
1,2,4-Trimethylbenzene	95-63-6	1 - 5
n-Butyl alcohol	71-36-3	1 - 5
Xylene	1330-20-7	0.5 - 1.5
Carbon black	1333-86-4	0.1 - 1
Quartz (Silica-Crystalline)	14808-60-7	0.1 - 1
Cumene	98-82-8	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST-AID MEASURES

#### Inhalation

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

#### Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

#### Skin Contact

Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

#### Ingestion

If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

## Most Important Acute Symptoms and Effects

Not Available

# Safety Data Sheet

Revision Date: 01-11-2016

Product Code: 15253

**Most Important Delayed Symptoms and Effects** Not Available

**Special treatment needed:** No additional first aid information available

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and minimize fire damage.
<b>Unsuitable Extinguishing Media</b>	No data available
<b>Fire and/or Explosion Hazards</b>	Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Container may explode in heat of fire.
<b>Hazardous Combustion Products</b>	Carbon monoxide, Toxic fumes, Carbon dioxide, Hydrocarbons, Sulfur containing gases, Toxic gases
<b>Special Protective Equipment and Precautions for Fire-Fighters</b>	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
<b>Methods and Material for Containment and Cleaning Up</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.
<b>Conditions for Safe Storage</b>	Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.
<b>Materials to Avoid/Chemical Incompatibility</b>	Oxidizing agents, Alkaline earth metals, Acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

# Safety Data Sheet

Revision Date: 01-11-2016

Product Code: 15253

<u>Chemical Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH STEL</u>
Talc	2mg/m <sup>3</sup> (Respirable Dust)	20 mppcf TWA	
Limestone	15 mg/m <sup>3</sup> (total dust); 5 mg/m <sup>3</sup> (respirable fraction)		
Ferric oxide (Nuisance Dust)	10 mg/m <sup>3</sup> TWA	as Fe: 5 mg/m <sup>3</sup> TWA (welding fumes, dust, total particulate (N.O.C.))	
1,2,4-Trimethylbenzene		25ppm; 123mg/m <sup>3</sup> TWA	
n-Butyl alcohol	100 ppm TWA; 300 mg/m <sup>3</sup> TWA	20 ppm TWA; 61 mg/m <sup>3</sup> TWA	
Zinc Ferrite (Nuisance Dust)	10 mg/m <sup>3</sup> TWA (inhalable dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	
Xylene	100 ppm TWA; 435 mg/m <sup>3</sup> TWA	100 ppm TWA; 434 mg/m <sup>3</sup> TWA	150 ppm STEL; 651 mg/m <sup>3</sup> STEL
Kaolin	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	2 mg/m <sup>3</sup> TWA (respirable dust)	
Carbon black	3.5 mg/m <sup>3</sup> TWA	3.5 mg/m <sup>3</sup> TWA	
Quartz (Silica-Crystalline)	see Table Z-3	0.05 mg/m <sup>3</sup> TWA (respirable fraction)	
Cumene	50 ppm TWA; 245 mg/m <sup>3</sup> TWA	50 ppm TWA; 246 mg/m <sup>3</sup> TWA	

## Appropriate Engineering Controls

Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Explosion proof exhaust ventilation should be used.

## Respiratory Protection

General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

## Eye Protection

Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.

## Skin Protection

Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.

## General Hygiene Conditions

As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Physical State  
Color

Liquid  
Red  
Odorless

### Odor

# Safety Data Sheet

Revision Date: 01-11-2016

Product Code: 15253

Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (°F/°C)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (°F)	245.0
High (°F)	335.0
Flash Point (°F/°C)	52 / 11
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	7.0
Lower Flammable/Explosive Limit	0.7
Vapor Pressure	< 10.00 (mm Hg @ 68°F / 20° C)
Vapor Density	4.15 (air = 1)
Relative Density	1.368
Solubility in Water	Negligible; 0-1%
Partition coefficient: n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	42 - 50 Z2
Volatiles, % by volume	51.55
Volatiles, % by weight	29.89
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	408.90
(Actual, Calculated)	408.90
Density	11.22 - 11.62 lbs./Gal

## 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Sparks, open flame, other ignition sources, and elevated temperatures. Contamination.
Incompatible Materials	Oxidizing agents, Alkaline earth metals, Acids
Hazardous Decomposition Products	Carbon monoxide, Toxic fumes, Carbon dioxide, Hydrocarbons, Sulfur containing gases, Toxic gases

## 11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation Ingestion Skin contact Eye contact Skin absorption
--------------------	---

### Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Causes nose and throat irritation.
Inhalation Toxicity	Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.
Skin Contact	Can cause moderate skin irritation.
Skin Absorption	May be harmful if absorbed through skin.
Eye Contact	Can cause moderate irritation, tearing and reddening.
Ingestion Toxicity	Harmful or fatal if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

### Long-Term (Chronic) Health Effects

Carcinogenicity	Possible cancer hazard. Contains carbon black which may cause cancer based on animal data. (Risk of cancer depends on duration and level of
-----------------	---

# Safety Data Sheet

Revision Date: 01-11-2016

Product Code: 15253

## Reproductive and Developmental Toxicity Mutagenicity Inhalation

exposure.)

Cancer hazard: Contains Crystalline Silica, which can cause cancer. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists.

Xylene may cause adverse reproductive and/or developmental effects.

Pregnant women may be at an increased risk from exposure.

Xylene has been shown to be positive in mutagenicity assays.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Overexposure may cause lung damage.

## Skin Absorption

Upon prolonged or repeated exposure, harmful if absorbed through the skin.

May cause minor systemic damage.

## Product Toxicology Data

Oral Acute Toxicity Estimate (ATE)

29,461.64 mg/kg

Dermal Acute Toxicity Estimate (ATE)

96,968.71 mg/kg

## Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Talc	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	Inhalation LC50 (4h) Rat > 20.00 mg/L
Limestone	Oral LD50 Rat 6450 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.00 mg/L
Light aliphatic solvent naphtha	Oral LD50 Rat 5840 mg/kg	Dermal LD50 Rat 2920 mg/kg	
Light aromatic solvent naphtha	Oral LD50 Rat 8400 mg/kg	Dermal LD50 Rat > 2000 mg/kg	Inhalation LC50 (4h) Rat 5.60 mg/L
Ferric oxide	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	Inhalation LC50 (4h) Rat > 20.00 mg/L
1,2,4-Trimethylbenzene	Oral LD50 Rat 6000 mg/kg	Dermal LD50 Rat > 3440 mg/kg	Inhalation LC50 (4h) Rat 10.20 mg/L
n-Butyl alcohol	Oral LD50 Rat 790 mg/kg	Dermal LD50 Rat 3400 mg/kg	Inhalation LC50 (4h) Rat 24.24 mg/L
Distillates, Petroleum, Hydrotreated Light	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.20 mg/L
Xylene	Oral LD50 Rat 3523 mg/kg	Dermal LD50 Rabbit 1100 mg/kg	Inhalation LC50 (4h) Rat 11.00 mg/L
Kaolin	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rat > 5000 mg/kg	Inhalation LC50 Rat 36.00 mg/L
Carbon black	Oral LD50 Rat > 8000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	
Quartz	Oral LD50 Rat > 22,500 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 20.00 mg/L
Cumene	Oral LD50 Rat 1400 mg/kg	Dermal LD50 Rabbit > 3160 mg/kg	Inhalation LC50 (4h) Rat 8,000.00 ppm

## Carcinogen Information

Chemical Name

IARC Carcinogen

OSHA Carcinogen

NTP Carcinogen

Talc

2B

Carbon black

2B

Quartz

1

1

Cumene

2B

## 12. ECOLOGICAL INFORMATION

# Safety Data Sheet

Revision Date: 01-11-2016  
Product Code: 15253

Ecotoxicity (aquatic and terrestrial, where available) No data available  
Mobility in soil No data available

## 13. DISPOSAL CONSIDERATIONS

**Safe Handling of Waste** Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

## 14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

**DOT Basic Description:** Paint  
**Hazard Class:** 3  
**UN Number:** UN1263  
**Packing Group:** II  
**Other:** This product qualifies for a limited quantity exception per CFR173.150(b)(2) and 172.102 Special Provision 149 for inner containers <= 1.3 gallons (5L) and total gross package wt <= 66 lbs (30kg).

**Marine Pollutant:** No

## 15. REGULATORY INFORMATION

**TSCA Status** All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

### Regulated Components

<u>SARA EHS Chemicals</u>	<u>CAS #</u>	<u>%</u>
Not applicable		

### CERCLA

n-Butyl alcohol	71-36-3	1 - 5
Xylene (mixed isomers)	1330-20-7	0.5 - 1.5
Cumene	98-82-8	0.1 - 1

### SARA 313

1,2,4-Trimethylbenzene	95-63-6	1 - 5
n-Butyl alcohol	71-36-3	1 - 5
C.I. Pigment Yellow 119	68187-51-9	1 - 5
An inorganic pigment that is the reaction product of high temperature calcination in which iron (II) oxide, iron (III) oxide, and zinc oxide in varying amounts are homogeneously and ionically interdiffused to form a crystalline ma		
Xylene (mixed isomers)	1330-20-7	0.5 - 1.5
Cumene	98-82-8	0.1 - 1

### SARA 311/312

Health (Acute):	Y
Health (chronic):	Y

# Safety Data Sheet

Revision Date: 01-11-2016  
Product Code: 15253

Fire (Flammable): Y  
Pressure: N  
Reactivity: N

## U. S. State Regulations:

### California Prop 65 Chemicals

<b>Cancer</b>	<b>CAS #</b>	<b>%</b>
Carbon Black	1333-86-4	0.1 - 1
Crystalline Silica	14808-60-7	0.1 - 1
Cumene	98-82-8	0.1 - 1
Ethyl Benzene	100-41-4	0.01 - 0.1
Benzene	71-43-2	0.01 - 0.1
<b>Reproductive</b>		
Benzene	71-43-2	0.01 - 0.1

## Canadian Regulations:

**CEPA DSL:** The components of this product ARE listed on the Canadian Domestic Substances List.

**WHMIS Hazard Class:** B2 D2A

## 16. OTHER INFORMATION

---

<b>Revision Date</b>	01-11-2016
<b>Disclaimer</b>	This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.