

# SAFETY DATA SHEET

## SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product Name: 265Z HAPS Free Universal Primer Product Code: 265Z-2015

Trade Name: 265Z-2015 Red Oxide

Adams Paint Mfg Company  
1416 N University Ave  
Lubbock, Tx 79415  
Telephone Number: 806-763-2944  
Web Site: adamspaintmfg.com

Emergency Contacts & Phone Numbers  
Chemtrec: 800-424-9300  
SDS Request Line: 806-763-2944

Product Use: See Product Data Sheet

Not recommended for: See Product Data Sheet

## SECTION 2 - HAZARDS IDENTIFICATION

### GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Mutagen	1B	Known to produce heritable mutations in human germ cellsSubcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1B	Presumed Human Carcinogen, Based on demonstrated animal carcinogenicity
Reproductive toxin	1B	Presumed, Based on experimental animals
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm <sup>2</sup> /s at 40° C.

### GHS Hazards

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child

### GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, sparks, open flames, hot surfaces and other ignition sources - No smoking
P233	Keep container tightly closed
P240	Ground and bond container and receiving equipment
P241	Use explosion-proof electrical, ventilating, lighting and equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves, protective clothing, eye protection and face protection
P281	Use personal protective equipment as required
P331	Do NOT induce vomiting
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or physician
P303+P361+P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water
P308+P313	IF exposed or concerned: Get medical attention

P370+P378  
P405  
P403+P235  
P501

In case of fire: Use dry chemical, foam, carbon dioxide or water fog for extinction  
Store locked up  
Store in a well ventilated place. Keep cool  
Dispose of contents and container in accordance with local and national regulations

Signal Word: Danger



### SECTION 3 - COMPOSITION INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Limestone	1317-65-3	20.00% - 30.00%
Talc	14807-96-6	10.00% - 20.00%
Solvent naphtha, petroleum, light aliphatic	64742-89-8	5.00% - 10.00%
Methyl propyl ketone	107-87-9	5.00% - 10.00%
Solvent naphtha, petroleum, light aromatic	64742-95-6	5.00% - 10.00%
Iron oxides	1332-37-2	1.00% - 5.00%
Isopropyl alcohol	67-63-0	1.00% - 5.00%
Acetone	67-64-1	1.00% - 5.00%
n-Butyl acetate	123-86-4	1.00% - 5.00%
C.I. Pigment Black 11	12227-89-3	1.00% - 5.00%
Iron oxide yellow	51274-00-1	1.00% - 5.00%
Titanium dioxide	13463-67-7	1.00% - 5.00%
Naphtha, petroleum, hydrotreated heavy	64742-48-9	0.10% - 1.00%
2-Butanone, oxime	96-29-7	0.10% - 1.00%
Naphtha, petroleum, hydrodesulfurized heavy	64742-82-1	0.10% - 1.00%

### SECTION 4 - FIRST AID MEASURES

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**Eye Contact:** Immediately flush eyes with plenty of water for 10 to 15 minutes. Get medical attention, if irritation or symptoms of overexposure persists.

**Skin Contact:** Immediately wash skin with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** If swallowed, DO NOT induce vomiting. Call physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**Other First Aid:** Due to possible aspiration into lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have person lean forward to reduce risk of aspiration.

### SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: -20 C (-4 F)

LEL: 1.00

UEL: 13.00

**Suitable Extinguishing Media:** Use dry chemical, foam, carbon dioxide, or water fog to extinguish fire. Water may not be effective to extinguish fire. Spattering of flammable liquid may result from spraying water.

**Specific Hazards arising from the Chemical:** Minimize breathing gases, vapors, fumes or decomposition products. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back. Closed containers may explode when exposed to heat.

**Protection of Firefighters:** Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect the men attempting to stop leak.

**Protective Equipment and Precautions for Firefighters:** Wear self-contained breathing apparatus and full protective gear.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use proper personal protective equipment as listed in Section 8.

**Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.

**Methods for Containment:** Contain spilled liquid with sand or earth. DO NOT use combustible materials, such as sawdust.

**Methods for Clean-up:** Remove all sources of ignition. Provide ventilation. Absorb spill with inert material (dry sand or earth), collect spill with a non-sparking tool then place in a chemical waste container for disposal.

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Use with adequate ventilation. Avoid breathing vapor and contacts with eyes, skin and clothing. Material will accumulate static charges which may cause an electrical spark (ignition source), bond and ground containers when transferring material. Use spark-proof tools and explosion-proof equipment. Do not reuse containers without proper cleaning or reconditioning.

**Hygiene Practices:** Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

**Storage:** Store in a cool dry, well ventilated area away from sources of heat, combustible materials and incompatible substances. Keep container tightly closed when not in use.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Limestone 1317-65-3	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)	Not Established	NIOSH: 10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)
Talc 14807-96-6	Not Established	2 mg/m <sup>3</sup> TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	NIOSH: 2 mg/m <sup>3</sup> TWA (containing no Asbestos and <1% Quartz, respirable dust)
Solvent naphtha, petroleum, light aliphatic 64742-89-8	Not Established	Not Established	Not Established
Methyl propyl ketone 107-87-9	200 ppm TWA; 700 mg/m <sup>3</sup> TWA	150 ppm STEL	NIOSH: 150 ppm TWA; 530 mg/m <sup>3</sup> TWA
Solvent naphtha, petroleum, light aromatic 64742-95-6	Not Established	Not Established	Not Established
Iron oxides 1332-37-2	Not Established	Not Established	Not Established

Isopropyl alcohol 67-63-0	400 ppm TWA; 980 mg/m3 TWA	400 ppm STEL 200 ppm TWA	NIOSH: 400 ppm TWA; 980 mg/m3 TWA 500 ppm STEL; 1225 mg/m3 STEL
Acetone 67-64-1	1000 ppm TWA; 2400 mg/m3 TWA	750 ppm STEL 500 ppm TWA	NIOSH: 250 ppm TWA; 590 mg/m3 TWA
n-Butyl acetate 123-86-4	150 ppm TWA; 710 mg/m3 TWA	200 ppm STEL 150 ppm TWA	NIOSH: 150 ppm TWA; 710 mg/m3 TWA 200 ppm STEL; 950 mg/m3 STEL
C.I. Pigment Black 11 12227-89-3	Not Established	Not Established	Not Established
Iron oxide yellow 51274-00-1	Not Established	Not Established	Not Established
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	Not Established
Naphtha, petroleum, hydrotreated heavy 64742-48-9	Not Established	Not Established	Not Established
2-Butanone, oxime 96-29-7	Not Established	Not Established	Not Established
Naphtha, petroleum, hydrodesulfurized heavy 64742-82-1	Not Established	Not Established	Not Established

**Engineering Controls:** Use appropriate engineering control such as process enclosures, local exhaust ventilation or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

**Eye / Face Protection:** Wear protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulations.

**Skin Protection:** Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eye, skin or clothing.

**Respiratory Protection:** A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

**General Hygiene Considerations:** Avoid breathing vapor or mist. Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<p><b>Appearance:</b> Liquid</p> <p><b>Vapor Pressure:</b> 18.8 mmHg</p> <p><b>Vapor Density:</b> Heavier than air</p> <p><b>Lbs / Gallon</b> 11.55</p> <p><b>Freezing point:</b> No Data</p> <p><b>Boiling range:</b> 56°C</p>	<p><b>Odor:</b> Ketone</p> <p><b>Odor threshold:</b> No Data</p> <p><b>pH:</b> No Data</p> <p><b>Melting point:</b> No Data</p> <p><b>Solubility:</b> Moderate</p> <p><b>Flash point:</b> -4 F, -20 C</p>
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<p><b>Evaporation rate:</b> Slower than Ether</p> <p><b>Explosive Limits:</b> 1% - 13%</p> <p><b>Autoignition temperature:</b> 280°C</p> <p><b>Viscosity:</b> No Data</p>	<p><b>Flammability:</b> Flammable Liquid Class IB</p> <p><b>Partition coefficient (n- No Data octanol/water):</b></p> <p><b>Decomposition temperature:</b> No Data</p> <p><b>VOC g/l</b> 346.465</p>
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## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable

**Conditions to Avoid:** Heat, flames, sparks and other ignition sources.

**Incompatible Materials:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition Products:** Incomplete combustion may produce carbon monoxide and other toxic gases.

**Hazardous Polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Mixture Toxicity

Inhalation Toxicity LC50: 1,678mg/L

### Component Toxicity

64742-89-8	Solvent naphtha, petroleum, light aliphatic Oral LD50: 5,000 mg/kg (Mouse) Dermal LD50: 3,000 mg/kg (Rabbit)
107-87-9	Methyl propyl ketone Oral LD50: 1,600 mg/kg (Rat) Inhalation LC50: 2,000 ppm (Rat)
67-63-0	Isopropyl alcohol Oral LD50: 1,870 mg/kg (Rat) Dermal LD50: 4,059 mg/kg (Rabbit)
96-29-7	2-Butanone, oxime Oral LD50: 930 mg/kg (Rat) Dermal LD50: 0 mg/kg (Rabbit) Inhalation LC50: 20 mg/L (Rat)

### Miscellaneous Toxicological Information:

**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.

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
64742-89-8	Solvent naphtha, petroleum, light aliphatic	5 to 10%	Solvent naphtha, petroleum, light aliphatic: EU REACH: Present (P)
64742-95-6	Solvent naphtha, petroleum, light aromatic	5 to 10%	Solvent naphtha, petroleum, light aromatic: EU REACH: Present (P)
96-29-7	2-Butanone, oxime	.1 to 1.0%	2-Butanone, oxime:
64742-48-9	Naphtha, petroleum, hydrotreated heavy	.1 to 1.0%	Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)
64742-82-1	Naphtha, petroleum, hydrodesulfurized heavy	.1 to 1.0%	Naphtha, petroleum, hydrodesulfurized heavy: EU REACH: Present (P)
13463-67-7	Titanium dioxide	1 to 5%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

## SECTION 12 - ECOLOGICAL INFORMATION

No additional information provided for this product. See Section 3 for chemical specific data.

### Component Ecotoxicity

Talc	96 Hr LC50 Brachydanio rerio: >100 g/L [semi-static]
Solvent naphtha, petroleum, light aliphatic	72 Hr EC50 Pseudokirchneriella subcapitata: 4700 mg/L
Methyl propyl ketone	96 Hr LC50 Pimephales promelas: 1190 - 1290 mg/L [flow-through]
Solvent naphtha, petroleum, light aromatic	96 Hr LC50 Oncorhynchus mykiss: 9.22 mg/L 48 Hr EC50 Daphnia magna: 6.14 mg/L
Isopropyl alcohol	96 Hr LC50 Pimephales promelas: 9640 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 11130 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: >1400000 µg/L 48 Hr EC50 Daphnia magna: 13299 mg/L 96 Hr EC50 Desmodesmus subspicatus: >1000 mg/L; 72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
Acetone	96 Hr LC50 Oncorhynchus mykiss: 4.74 - 6.33 mL/L; 96 Hr LC50 Pimephales promelas: 6210 - 8120 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 8300 mg/L 48 Hr EC50 Daphnia magna: 10294 - 17704 mg/L [Static]; 48 Hr EC50 Daphnia magna: 12600 - 12700 mg/L
n-Butyl acetate	96 Hr LC50 Lepomis macrochirus: 100 mg/L [static]; 96 Hr LC50 Pimephales promelas: 17 - 19 mg/L [flow-through] 72 Hr EC50 Desmodesmus subspicatus: 674.7 mg/L
Naphtha, petroleum, hydrotreated heavy	96 Hr LC50 Pimephales promelas: 2200 mg/L
2-Butanone, oxime	96 Hr LC50 Pimephales promelas: 777 - 914 mg/L [flow-through]; 96 Hr LC50 Poecilia reticulata: 760 mg/L [static] 48 Hr EC50 Daphnia magna: 750 mg/L 72 Hr EC50 Desmodesmus subspicatus: 83 mg/L

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Waste Disposal:** Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and / or state and local guidelines .

## SECTION 14 - TRANSPORT INFORMATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	1263	II	3

## SECTION 15 - REGULATORY INFORMATION

**Additional regulatory listings, where applicable.**

### CERCLA RQ:

<u>Component</u>	<u>RQ (lbs)</u>
Acetone	5000
n-Butyl acetate	5000

**SARA 311/312 Hazard Classes:** Acute, Chronic, Fire

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!**

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

13463-67-7 Titanium dioxide 1 to 5 % Carcinogen

**SARA 302 Components:**

- None

**SARA 313 TOXIC CHEMICALS:**

67-63-0 Isopropyl alcohol 1 to 5 %

**Toxic Substances Control Act (TSCA):** All chemicals except those listed below appear in the Toxic Substances Control Act Chemical Substance Inventory.

- None

<b>SECTION 16 - OTHER INFORMATION</b>
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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.

Reviewer Revision

Date Prepared: 6/16/2015