

# Revision Date: 7/13/2015 Rust-Oleum Rocksolid Multi Component Product Information Sheet

# 284224 RESTORE 1GLK GARAGE COAT MET EARTH BRWN is a multi component product composed of the following individual chemical components:

CIT60001A RockSolid Diamond Coat Part A
CIT60001B RockSolid Diamond Coat Part B

60072 ROCK SOLID 4PK METALLIC BROWN

251149 ADD SPC 200X CITRIC ACID ANHYDROUS

SDSs for each component follow this cover sheet.

# **Transportation Information**

UN Number:	Domestic (USDOT) N.A.	International (IMDG) 3066	<u>Air (IATA)</u> 3066	TDG (Canada) N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Paint and Paint Related Products	Paint and Paint Related Products	Paint Products in Limited Quantities
Hazard Class:	N.A.	8	8	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	Yes	Yes	No	Yes

Finished Good Schedule B Harmonized Tariff Code 3907.30.0000

# Safety Data Sheet



# 1. Identification

**Product Name:** RockSolid Diamond Coat Part A **Revision Date:** 7/13/2015

Product Identifier: CIT60001A Supercedes Date: 12/11/2014

**Product Use/Class:** Epoxy Coating/ Part A Resin

Rust-Oleum ROCKSOLID Manufacturer:

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Rust-Oleum ROCKSOLID Supplier: 11 Hawthorn Parkway

Vernon Hills, IL 60061

USA

Preparer: Regulatory Department

24 Hour Hotline: 847-367-7700 **Emergency Telephone:** 

#### 2. Hazard Identification

#### Classification

Symbol(s) of Product



Signal Word Danger

#### **GHS HAZARD STATEMENTS**

H315 Causes skin irritation. Skin Irritation, category 2

Skin Sensitizer, category 1 H317 May cause an allergic skin reaction.

Germ Cell Mutagenicity, category 1B H340 May cause genetic defects. Classified as mutagenic Category 1 if one

ingredient is present at or above 0.1%. Applies to liquids, solids (w/w units), and gases (v/v). The substance may also have its own exposure limit. Routes

of exposure are dependent on ingredient form.

Carcinogenicity, category 1B H350 May cause cancer. Classified as carcinogenic Category 1 on the basis of

epidemiological and/or animal data. Mixtures are classified as carcinogenic when at least 1 ingredient has been classified as carcinogenic and is present at 0.1% or above Routes of exposure are dependant on ingredient form.

#### **GHS LABEL PRECAUTIONARY STATEMENTS**

P201 Obtain special instructions before use.

P261 Avoid breathing dust, fumes, gas, mist, vapors, or spray.

P264 Wash hands thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace. P272 P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P308+P313 IF exposed or concerned: Get medical advice/attention.

P321 See first aid instructions on label

P332+P313 If skin irritation occurs: Get medical advice/attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing.

P405 Store locked up.

P501 Dispose of contents/container to ...

#### **GHS SDS PRECAUTIONARY STATEMENTS**

P363 Wash contaminated clothing before reuse.

# 3. Composition/Information On Ingredients

#### **HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	CAS-No.	<u>Wt.%</u> Range	GHS Symbols	GHS Statements
Bisphenol A Epoxy Resin	25085-99-8	75-100	No Information	No Information
Neopentyl Glycol Diglycidyl Ether	17557-23-2	10-25	GHS07	H315-317
1-Chloro-4-(Trifluoromethyl)Benzene	98-56-6	2.5-10	No Information	No Information
2,6-Dimethyl-4-Heptanone	108-83-8	0.1-1.0	GHS02-GHS06	H226-331-335
Stoddard Solvent	8052-41-3	0.1-1.0	GHS08	H304-340-350-372

### 4. First-aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

#### 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** 

Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

# 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

# 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

# 8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Bisphenol A Epoxy Resin	25085-99-8	80.0	N.E.	N.E.	N.E.	N.E.

Neopentyl Glycol Diglycidyl Ether	17557-23-2	15.0	N.E.	N.E.	N.E.	N.E.
1-Chloro-4-(Trifluoromethyl) Benzene	98-56-6	10.0	N.E.	N.E.	N.E.	N.E.
2,6-Dimethyl-4-Heptanone	108-83-8	1.0	25 ppm	N.E.	50 ppm	N.E.
Stoddard Solvent	8052-41-3	1.0	100 ppm	N.E.	500 ppm	N.E.

#### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

# 9. Physical and Chemical Properties

Appearance:LiquidPhysical State:LiquidOdor:Solvent LikeOdor Threshold:N.E.Relative Density:1.151pH:N.A.

Freeze Point, °C: N.D. Viscosity: No Information

Partition Coefficient, n-octanol/

No Information

Solubility in Water: Slight

Decompostion Temp., °C: No Information water:

Boiling Range, °C:139 - 220Explosive Limits, vol%:0.9 - 10.5Flammability:Does not Support CombustionFlash Point, °C:177

Evaporation Rate: Slower than Ether Auto-ignition Temp., °C: No Information Vapor Density: Heavier than Air Vapor Pressure: No Information

(See "Other information" Section for abbreviation legend)

# 10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

# 11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.Chemical NameOral LD50Dermal LD50Vapor LC5098-56-61-Chloro-4-(Trifluoromethyl)Benzene13000 mg/kg Rat>2684 mg/kg Rabbit33 mg/L Rat

#### N.I. - No Information

# 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

# 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

# 14. Transport Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)	TDG (Canada)
UN Number:	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

# 15. Regulatory Information

# U.S. Federal Regulations:

# **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### **Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>Chemical Name</u> <u>CAS-No.</u>

1-Chloro-4-(Trifluoromethyl)Benzene 98-56-6

#### 16. Other Information

**HMIS RATINGS** 

Health: 1\* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 1 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 11

SDS REVISION DATE: 7/13/2015

**REASON FOR REVISION:** Substance and/or Product Properties Changed in Section(s):

01 - Identification

02 - Hazard Identification

03 - Composition/Information on Ingredients

05 - Fire-fighting Measures

09 - Physical & Chemical Properties11 - Toxicological Information15 - Regulatory Information

16 - Other Information

Substance Hazard Threshold % Changed

**Product Composition Changed** 

Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

# Safety Data Sheet



# 1. Identification

Product Name: RockSolid Diamond Coat Part B Revision Date: 7/13/2015

Product Identifier: CIT60001B Supercedes Date: 4/2/2015

Product Use/Class: Expoxy Coating/ Part B Activator

USA

Supplier: Rust-Oleum ROCKSOLID Manufacturer: Rust-Oleum ROCKSOLID 11 Hawthorn Parkway Rust-Oleum ROCKSOLID 11 Hawthorn Parkway

11 Hawthorn Parkway
Vernon Hills, IL 60061

11 Hawthorn Parkway
Vernon Hills, IL 60061

USA

**Preparer:** Regulatory Department

**Emergency Telephone:** 24 Hour Hotline: 847-367-7700

#### 2. Hazard Identification

#### Classification

Symbol(s) of Product



Signal Word Danger

#### Possible Hazards

75% of the mixture consists of ingredient(s) of unknown acute toxicity

#### **GHS HAZARD STATEMENTS**

Acute Toxicity, Oral, category 4

Acute Toxicity, Dermal, category 4

Skin Corrosion, category 1

Skin Sensitizer, category 1

H302

Harmful if swallowed.

Harmful in contact with skin.

Causes severe skin burns and eye damage.

May cause an allergic skin reaction.

Acute Toxicity, Inhalation, category 3 H331 Toxic if inhaled.

Reproductive Toxicity, category 2

H361

Suspected of damaging fertility or the unborn child. Classifed Category 2

suspected human reproductive toxicant irreversible effects such as structural

malfunctions, embryo/foetal lethality, post natal functional deficiencies.

#### GHS LABEL PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use.

P260 Do not breathe dust, fumes, gas, mist, vapors, or spray.

P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P311 Call a POISON CENTER or doctor/physician.

P321 See first aid instructions on label
P322 Refer to first aid measures on label.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container to ...

#### **GHS SDS PRECAUTIONARY STATEMENTS**

P270 Do no eat, drink or smoke when using this product.

P363 Wash contaminated clothing before reuse.

# 3. Composition/Information On Ingredients

#### **HAZARDOUS SUBSTANCES**

<u>Chemical Name</u>	CAS-No.	<u>Wt.%</u> Range	GHS Symbols	GHS Statements
Isophorone diamine	2855-13-2	50-75	GHS05-GHS07	H302-312-314-317
Benzyl Alcohol	100-51-6	25-50	GHS06	H302-312-331
Nonylphenol	25154-52-3	10-25	GHS05-GHS07	H302-314
Trimethylolpropane polyoxypropylene triamine	39423-51-3	10-25	No Information	No Information

# 4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Destroy contaminated shoes.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

**FIRST AID - INGESTION:** If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

#### 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. No unusual fire or explosion hazards noted. **SPECIAL FIREFIGHTING PROCEDURES:** Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

# 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Avoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Carefully neutralize spill with sodium bicarbonate (NaHCO3). Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

# 7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

# 8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Isophorone diamine	2855-13-2	55.0	N.E.	N.E.	N.E.	N.E.
Benzyl Alcohol	100-51-6	30.0	N.E.	N.E.	N.E.	N.E.
Nonylphenol	25154-52-3	20.0	N.E.	N.E.	N.E.	N.E.
Trimethylolpropane polyoxypropylene triamine	39423-51-3	15.0	N.E.	N.E.	N.E.	N.E.

#### PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve crossventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Use impervious gloves to prevent skin contact and absorption of this material through the skin. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

# 9. Physical and Chemical Properties

Appearance: Liquid **Physical State:** Liquid Odor: **Odor Threshold:** Mild Ammonia N.E. Relative Density: pH: 1.000 Alkaline Freeze Point, °C: Viscosity: N.D.

No Information

Solubility in Water: Partition Coefficient, n-octanol/ Slight

No Information Decompostion Temp., °C: No Information

Boiling Range, °C: Explosive Limits, vol%: 204 - 204 1.0 - 13.0

Flash Point, °C: Flammability: Does not Support Combustion 96

**Evaporation Rate:** Auto-ignition Temp., °C: Slower than Ether No Information Vapor Density: Vapor Pressure: No Information Heavier than Air

(See "Other information" Section for abbreviation legend)

# 10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases. Avoid contact with metals.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

HAZARDOUS DECOMPOSITION: Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

# 11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Substance causes severe eye irritation. Injury may be permanent.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Severely irritating; may cause permanent skin damage.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Substance may be harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Repeated exposure to low concentrations of HCI vapor or mist may cause bleeding of nose and gums.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
2855-13-2	Isophorone diamine	1030 mg/kg Rat	N.I.	N.I.
100-51-6	Benzyl Alcohol	1230 mg/kg Rat	2000 mg/kg Rabbit	8.8 mg/L Rat
25154-52-3	Nonylphenol	580 mg/kg Rat	2031 mg/kg Rabbit	N.I.

N.I. - No Information

# 12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

# 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

# 14. Transport Information

	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
UN Number:	N.A.	3066	3066	N.A.
Proper Shipping Name:	Paint Products in Limited Quantities	Paint and Paint Related Products	Paint and Paint Related Products	Paint Products in Limited Quantities
Hazard Class:	N.A.	8	8	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	Yes	Yes	No	Yes

# 15. Regulatory Information

# U.S. Federal Regulations:

#### **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### **Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

#### 16. Other Information

**HMIS RATINGS** 

Health: 3\* Flammability: 1 Physical Hazard: 0 Personal Protection: X

NFPA RATINGS

Health: 3 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 250

SDS REVISION DATE: 7/13/2015

**REASON FOR REVISION:** Substance and/or Product Properties Changed in Section(s):

01 - Identification

02 - Hazard Identification

03 - Composition/Information on Ingredients

05 - Fire-fighting Measures

09 - Physical & Chemical Properties11 - Toxicological Information15 - Regulatory Information

16 - Other Information

Substance Hazard Threshold % Changed

Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

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# Safety Data Sheet



# 1. Identification

**Product Name: ROCK SOLID 4PK METALLIC BROWN Revision Date:** 7/13/2015

Product Identifier: 60072 Supercedes Date: 12/11/2014

**Product Use/Class:** Pigment/ Particulate Blend

Rust-Oleum ROCKSOLID Manufacturer: 11 Hawthorn Parkway

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

Rust-Oleum ROCKSOLID Supplier:

Vernon Hills, IL 60061

**USA** 

Preparer: Regulatory Department

24 Hour Hotline: 847-367-7700 **Emergency Telephone:** 

#### 2. Hazard Identification

Classification

Symbol(s) of Product

Not a hazardous substance or mixture.

Signal Word

No Signal Word has been assigned.

# 3. Composition/Information On Ingredients

#### HAZARDOUS SUBSTANCES

<u>Chemical Name</u>	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Mica	12001-26-2	50-75	No Information	No Information
Titanium Dioxide	13463-67-7	25-50	No Information	No Information

# 4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention.

# 5. Fire-fighting Measures

EXTINGUISHING MEDIA: None Known

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam.

### 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers. Sweep up gently to avoid dust cloud formation.

# 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

# 8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Mica	12001-26-2	75.0	3 mg/m3	N.E.	N.E.	N.E.
Titanium Dioxide	13463-67-7	35.0	10 mg/m3	N.E.	15 mg/m3	N.E.

#### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve crossventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

# Physical and Chemical Properties

Appearance:Particulate SolidPhysical State:SolidOdor:NoneOdor Threshold:N.E.Relative Density:3.119pH:N.A.

Freeze Point, °C: N.D. Viscosity: No Information Solubility in Water: None Partition Coefficient, n-octanol/

No Information

Solubility in Water: None Partition Coefficient, n-o Decomposition Temp., °C: No Information water:

Boiling Range, °C: 999 - 3,000 Explosive Limits, vol%: N.A. - N.A.

Flammability: Does not Support Combustion Flash Point, °C: 94

Evaporation Rate:Slower than EtherAuto-ignition Temp., °C:No InformationVapor Density:Heavier than AirVapor Pressure:No Information

(See "Other information" Section for abbreviation legend)

# 10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

# 11. Toxicological information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

EFFECTS OF OVEREXPOSURE - INGESTION: Expected to be a low ingestion hazard.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Contains Titanium Dioxide. Titanium Dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints during brush application or drying. Risk of overexposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of Titanium Dioxide in the formula. (Ref: IARC Monograph, Vol. 93, 2010)

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	<b>Chemical Name</b>	Oral LD50	Dermal LD50	Vapor LC50
13463-67-7	Titanium Dioxide	>10000 mg/kg Rat	N.I.	N.I.

N.I. - No Information

# 12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

# 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

# 14. Transport Information

	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
UN Number:	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

# 15. Regulatory Information

# U.S. Federal Regulations:

#### **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### **Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

# 16. Other Information

**HMIS RATINGS** 

Health: 1\* Flammability: 0 Physical Hazard: 0 Personal Protection: X

**NFPA RATINGS** 

Health: 1 Flammability: 0 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 0

SDS REVISION DATE: 7/13/2015

**REASON FOR REVISION:** Substance and/or Product Properties Changed in Section(s):

01 - Identification

02 - Hazard Identification 05 - Fire-fighting Measures

09 - Physical & Chemical Properties

15 - Regulatory Information16 - Other InformationStatement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

# Safety Data Sheet



\* Trusted Quality Since 1921 \* www.rustoleum.com

# 1. Identification

**Product Name:** ADD SPC 200X CITRIC ACID ANHYDROUS **Revision Date:** 7/13/2015

Product Identifier: 251149 Supercedes Date: 1/5/2015

Concrete Etch/ Citric Acid **Product Use/Class:** 

**Rust-Oleum Corporation Rust-Oleum Corporation** Supplier: Manufacturer: 11 Hawthorn Parkway

11 Hawthorn Parkway Vernon Hills, IL 60061

USA

USA

Vernon Hills, IL 60061

Preparer: Regulatory Department

24 Hour Hotline: 847-367-7700 **Emergency Telephone:** 

#### 2. Hazard Identification

Classification

Symbol(s) of Product

Not a hazardous substance or mixture.

Signal Word

No Signal Word has been assigned.

# 3. Composition/Information On Ingredients

#### **HAZARDOUS SUBSTANCES**

**Chemical Name** CAS-No. Wt.% **GHS Symbols GHS Statements** 

Range

Citric Acid, Anhydrous 77-92-9 75-100 No Information No Information

# 4. First-aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

# 5. Fire-fighting Measures

**EXTINGUISHING MEDIA:** 

Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred.

#### 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containers

# 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

# 8. Exposure Controls/Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV- TWA	ACGIH TLV- STEL	OSHA PEL-TWA	OSHA PEL- CEILING
Citric Acid, Anhydrous	77-92-9	100.0	N.E.	N.E.	N.E.	N.E.

#### PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve crossventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

# 9. Physical and Chemical Properties

 Appearance:
 Particulate Solid
 Physical State:
 Liquid

 Odor:
 None
 Odor Threshold:
 N.E.

 Relative Density:
 1.668
 pH:
 N.A.

Freeze Point, °C: N.D. Viscosity: No Information

No Information

Solubility in Water: Soluble Partition Coefficient, n-octanol/
Decompostion Temp., °C: No Information water:

Boiling Range, °C: 175 - 537 Explosive Limits, vol%: N.A. - N.A.

Flammability: Does not Support Combustion Flash Point, °C: 94

Evaporation Rate:Slower than EtherAuto-ignition Temp., °C:No InformationVapor Density:Heavier than AirVapor Pressure:No Information

(See "Other information" Section for abbreviation legend)

# 10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with strong acid and strong bases.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

# 11. Toxicological information

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Can cause severe eye irritation. Irritating, and may injure eye tissue if not removed promptly.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Contact causes skin irritation. Low hazard for usual industrial handling or commercial handling by trained personnel.

**EFFECTS OF OVEREXPOSURE - INHALATION:** High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist.

EFFECTS OF OVEREXPOSURE - INGESTION: Substance may be harmful if swallowed. May cause nausea.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Contact

#### **ACUTE TOXICITY VALUES**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u> <u>Chemical Name</u> <u>Oral LD50</u> <u>Dermal LD50</u> <u>Vapor LC50</u>

No hazardous items exist

N.I. - No Information

# 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

# 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state, and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

# 14. Transport Information

	Domestic (USDOT)	International (IMDG)	<u>Air (IATA)</u>	TDG (Canada)
UN Number:	N.A.	N.A.	N.A.	N.A.
Proper Shipping Name:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Hazard Class:	N.A.	N.A.	N.A.	N.A.
Packing Group:	N.A.	N.A.	N.A.	N.A.
Limited Quantity:	No	No	No	No

# 15. Regulatory Information

#### U.S. Federal Regulations:

#### **CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### **Toxic Substances Control Act:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

# 16. Other Information

**HMIS RATINGS** 

Health: 2 Flammability: 1 Physical Hazard: 0 Personal Protection: X

**NFPA RATINGS** 

Health: 2 Flammability: 1 Instability 0

VOLATILE ORGANIC COMPOUNDS, g/L: 0

SDS REVISION DATE: 7/13/2015

**REASON FOR REVISION:** Substance and/or Product Properties Changed in Section(s):

01 - Identification02 - Hazard Identification05 - Fire-fighting Measures

09 - Physical & Chemical Properties

15 - Regulatory Information 16 - Other Information Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.