

SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: DECK REVIVE RESIN Product Code: 2PGRN-9.6

Manufactured by: 24- Hour Emergency (Spill, Leak, Exposure or Accident):

Gemini Coatings INFOTRAC 800-535-5053

2300 Holloway Drive Outside USA, Call Collect 1-352-323-3500

El Reno, OK 73036

800-262-5710 24- Hour Emergency HAZMAT Response and MSDS Help:

EMI 800-510-8510

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for

more information).

Not recommended for: Any other use not detailed on product data sheet or label.

SECTION 2 - Hazards Identification

GHS Ratings:

H320

Skin corrosive 3 Reversible adverse effects in dermal tissue, Draize score: >=

1.5 < 2.3

Eye corrosive 2B Mild eye irritant: Subcategory 2B, Reversible in 7 days

GHS Hazards	GHS Precautions
OIIO IIuEuiuo	<u> </u>

Causes eye irritation

H316 Causes mild skin irritation P264 Wash any exposed skin thoroughly

after handling

P305+P351+P33 IF IN EYES: Rinse continuously with

water for several minutes. Remove

contact lenses if present and easy to

do – continue rinsing

P332+P313 If skin irritation occurs: Get medical

advice/attention

P337+P313 Get medical advice/attention

Signal Word: Warning

SECTION 3 - Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water			
7732-18-5			
50 to 60%			
Distillates, petroleum,			
hydrotreated heavy paraffinic			
64742-54-7			
0.1 to 1.0%			

SECTION 4 - First Aid Measures

Inhalation:

Remove exposed individual to fresh air and assist breathing if necessary. Get medical attention if symptoms occur.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, call a physician.

Skin:

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Ingestion:

If swallowed rinse mouth out with water. DO NOT induce vomiting. Consult a physician.

No specifict treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5 - Fire Fighting Measures

Foam, CO2, Dry Chemical

In a fire or if heated, a pressure increase will occur and the container may burst.

In case of fire, may produce hazardous deomposition products such as carbon monoxide, carbon dioxide, (dense) black smoke, aldehydes, organic acids.

Standard procedure for chemical fires. Cool containers/tanks with water spray.

Wear suitable protective clothing. Self-contained breathing apparatus.

SECTION 6 - Accidental Release Measures

Keep out of sewers. Dike spill area and add inert absorbent earth, sand or sawdust to spilled liquid. Collect absorbent/spilled liquid into metal containers. Dispose of in accordance with local, state and federal regulations. DO NOT incinerate closed containers. Incinerate in approved facilities. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned and destroyed.

SECTION 7- Handling and Storage

Handling:

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation.

Storage:

Store in a fireproof location. Keep wawy from incomaptible materials and avoid specific conditions. Store between 5 and 40 degrees Celsius.

SECTION 8 - Exposure Controls/Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5			
Distillates, petroleum, hydrotreated heavy paraffinic 64742-54-7			

Good general ventilation should be sufficient to control worker exposure to airborne contaminants .

Respiratory Protection:

If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

Skin Protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. 4-8 hours (breakthrough time): nitrile rubber (.5mm)

Eye Protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Hygenic Practices

Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

SECTION 9 - Physical and Chemical Properties

Vapor Density Heavier Than Air

Boiling range: 100°C

Freezing point: N/A

Flammability: N/A

Autoignition temperature: N/A

Relative Density: N/A

Odor threshold: N/A

SPECIFIC GRAVITY 1.0501

Partition coefficient (n- N/A

octanol/water):

Grams VOC less water: N/A

% WT. VOLATILE (VOC) 0.0539

Lbs VOC/Gallon Solids 0.0110

SOLIDS VOL% 42.8032

SPREAD @ 1 MIL 686.5626

Appearance Off White Liquid

Physical State Liquid

Coating VOC (g/l) 1.3172

Coating VOC (Lb/GI) 0.0110

Evaporation Rate Slower than Butyl

Acetate

Melting point: N/A

Flash point: 212 F,100 C

Explosive Limits: N/A

Decomposition temperature: N/A

Vapor Pressure N/A

pH: N/A

Solubility: N/A

Viscosity: N/A

% VOLUME VOLATILE (VOC) 0.0606

% Pig. by wt. 0.1030

VOLATILE WT% 54.5144

DENSITY (Lb/Gal) 8.7445

HAPS (lbs/gl) 0.0033

Odor N/A

Material VOC (g/l) 0.5646

Material VOC (Lb/GI) 0.0047

SECTION 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Materials to Avoid: Strong oxidizing agents.

Conditions to avoid: Keep away from heat, sparks and flame.

Hazardous Decomposition: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

Primary Routes of Entry: Inhalation, Skin Contact, Eyes, Ingestion

Skin:

Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermititis.

Ingestion:

N/A

Inhalation:

N/A

Eyes:

N/A

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

- NONE

SECTION 12 - Ecological Information

Ecological Information:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

Component Ecotoxicity

Distillates, petroleum, 96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L hydrotreated heavy paraffinic 48 Hr EC50 Daphnia magna: >1000 mg/L

SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

Proper Shipping Name DOT **NOT REGULATED**

UN Number Packing Group Hazard Class

Freight Class:

SECTION 15 - Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains a listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

- None

This product contains a listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

The following ingredients are listed in the TSCA Section 8(b) Inventory (Hydrated forms of chemical substances are exempt from the inventory as mixtures; the anhydrous chemical substances, however, are reportable for the Inventory):

64742-54-7 Distillates, petroleum, hydrotreated heavy paraffinic 7732-18-5 Water

US CAA Section 112 Hazardous Air Pollutants (HAPs) List

- None

US EPCRA (SARA Title III) Section 313 - Toxic Chemical:

- None

Hazardous Material Information System (HMIS)



SECTION 16 - Disclaimer

Date Prepared: 7/21/2015 Date revised: 2015-04-14

Reviewer Revision 2

THIS DOCUMENT SUPERSEDES ANY PROVISION CONTAINED IN THE FORMS, LETTERS, AND PAPERS OF YOUR COMPANY. THIS PRODUCT IS DESIGNED AND INTENDED FOR PROFESSIONAL APPLICATION ONLY. ALL PRODUCTS SHOULD BE THOROUGHLY TESTED UNDER APPLICATION CONDITIONS PRIOR TO USE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE RELIABLE.HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OR WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLELIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS.TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.



SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: DRY MIX Product Code: GSL

Manufactured by: 24- Hour Emergency (Spill, Leak, Exposure or Accident):

Gemini Coatings INFOTRAC 800-535-5053

2300 Holloway Drive Outside USA, Call Collect 1-352-323-3500

El Reno, OK 73036

800-262-5710 24- Hour Emergency HAZMAT Response and MSDS Help:

EMI 800-510-8510

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information).

Not recommended for: Any other use not detailed on product data sheet or label.

SECTION 2 - Hazards Identification

GHS Ratings:

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	Oral Toxicity	Acute Tox. 4	Oral>300+<=2000mg/kg
	Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
	Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days
	Carcinogen	1A	Known Human Carcinogen Based on human evidence
	Organ toxin single exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies, Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (guidan
	Organ toxin repeated exposure	1	Significant toxicity in humans- Reliable, good quality human case studies or epidemiological studies Presumed significant toxicity in humans- Animal studies with significant and/or severe toxic effects relevant to humans at generally low exposure (quidanc

GHS Hazards

H302

H316	Causes mild skin irritation	
H320	Causes eye irritation	
H350	May cause cancer	
H370	Causes damage to organs	
H372	Causes damage to organs	
	through prolonged or repeated	
	exposure	

Harmful if swallowed

GHS Precautions

GHS Precautions	•
P201	Obtain special instructions before use
P202	Do not handle until all safety
	precautions have been read and
	understood
P260	Do not breathe
	dust/fume/gas/mist/vapours/spray
P264	Wash any exposed skin thoroughly
	after handling
P270	Do not eat, drink or smoke when using
	this product
P281	Use personal protective equipment as
	required
P314	Get Medical advice/attention if you feel
	unwell
P321	Specific treatment (see First Aid
	section on this label)
P330	Rinse mouth

P301+P312	IF SWALLOWED: Call a POISON
	CENTER or doctor/physician if you feel unwell
P305+P351+P33	IF IN EYES: Rinse continuously with
8	water for several minutes. Remove
	contact lenses if present and easy to
	do – continue rinsing
P307+P311	IF exposed: Call a POISON CENTER or
	doctor/physician
P308+P313	IF exposed or concerned: Get medical
	advice/attention
P332+P313	If skin irritation occurs: Get medical
	advice/attention
P337+P313	Get medical advice/attention
P405	Store locked up
P501	Do not flush to sewer, watershed or
	waterway. Dispose of product in
	accordance with applicable local,
	county, state and federal regulations.

Signal Word:





SECTION 3 - Composition/Information on Ingredients			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Quartz 14808-60-7 60 to 70%		0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)
Calcium sulfate dihydrate 10101-41-4 30 to 40%		10 mg/m3 TWA (inhalable fraction, listed under Calcium sulfate)	

SECTION 4 - First Aid Measures

Inhalation:

If breathing is difficult, remove victim to fresh air and keep at res in a position comfortable for breathing give oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical advice/attention if you feel unwell.

Eye Contact:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

Skin:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

Ingestion:

If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Give 2 cupfuls of water if victim is consience and alert Get medical advice/attention.

Notes to Physician:

Symptoms may not appear immediately.

SECTION 5 - Fire Fighting Measures

Extinguishing Media:

Treat for surrounding material.

Unusual Fire/Explosion Hazards:

None.

Hazardous Combustible Products:

May include, and are not limited to: oxides of carbon.

Fire Fighting:

Keep upwind of fire. Wear full fire fighting turn-out gear, full Bunker gear, and respiratory protection (SCBA).

SECTION 6 - Accidental Release Measures

Pick up large pieces. Contain spill with inert material and place in a suitable container. Do not flush to sewer or allow material to enter waterways. Use appropriate Personal Protective Equipment.

Vaccum or sweep material and place in a disposal container. Provide adequate ventilation.

SECTION 7- Handling and Storage

Handling:

Avoid contact with skin and eyes. Do not swallow. Good housekeeping is important to prevent accumulation of dus. Avoid generating dust. The use of compressed aire for cleaning clothing, equipment, etc, is not recommended. Use only in wel-ventilated areas. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smokings.

Storage:

Keep out of the reach of children. Store in dust tight, dry labeled containers. Keep containers closed when not in use. avoid any dust buildup by requent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area.

SECTION 8 - Exposure Controls/Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Quartz 14808-60-7		0.025 mg/m3 TWA (respirable fraction)	NIOSH: 0.05 mg/m3 TWA (respirable dust)
Calcium sulfate dihydrate 10101-41-4		10 mg/m3 TWA (inhalable fraction, listed under Calcium sulfate)	

Ventilation:

Local exhaust ventilation as needed.

Respiratory Protection:

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded.

Skin Protection:

Wear suitable gloves and protective clothing.

Eye Protection:

Safety glasses with side shields as required.

Practice good housekeeping and industial hygiene.

SECTION 9 - Physical and Chemical Properties

Vapor Density N/A

Boiling range: 2230°C

Freezing point: N/A

Flammability: N/A

Autoignition temperature: N/A

Relative Density: N/A

Odor threshold: N/A

SPECIFIC GRAVITY 2.5738

Partition coefficient (n- N/A

octanol/water):

Grams VOC less water: N/A

% WT. VOLATILE (VOC) 0.0000

Lbs VOC/Gallon Solids 0.0000

SOLIDS VOL% 100.0000

SPREAD @ 1 MIL 1604.0000

Appearance Powder/Granular

Physical State Solid

Coating VOC (g/I) 0.0000

Coating VOC (Lb/GI) 0.0000

Evaporation Rate N/A

Melting point: N/A

Flash point: 399 F,204 C

Explosive Limits: N/A

Decomposition temperature: N/A

Vapor Pressure N/A

pH: N/A

Solubility: N/A

Viscosity: N/A

% VOLUME VOLATILE (VOC) 0.0000

% Pig. by wt. 100.0000

VOLATILE WT% 0.0000

DENSITY (Lb/Gal) 21.4319

HAPS (lbs/gl) 0.0000

Odor N/A

Material VOC (g/l) 0.0000

Material VOC (Lb/GI) 0.0000

SECTION 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Materials to Avoid: CIF3, MNF3, OF2, Acids.

Conditions to avoid: Heat. Incompatible materrials. Moisture.

Hazardous Decomposition: May include, and are not limited to: oxides of carbon, calcium oxide, sulfur dioxide.

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 769mg/kg

Component Toxicity

Primary Routes of Entry: Inhalation, Skin Contact, Eyes, Ingestion

Skin:

Causes skin irritation by abrasion. May cause burns in the presence of moisture. Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause sensitization by skin contact.

Ingestion:

May be harmful if swallowed. may cause stomach distress, nausea or vomiting.

Inhalation:

Acute: Milde and temporarty discomfort to respiratory tract. Similar to nuisance dust. Excessive inhalation of crystalline silica is a serious health concern. May cause repiratory tract irritation.

Chronic:

May result in pulmonary fibrosis (silicosis). Aggravates bronchitis, asthma and emphysema. This product contains crystalline silica which can cause lung cancer or silicosis.

Causes serious eye damage by abrasion. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns in the presence of moisture.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

CAS Number 14808-60-7

Description Quartz

% Weight 60 to 70% Carcinogen Rating Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen

OSHA: listed

SECTION 12 - Ecological Information

Ecological Information:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

Component Ecotoxicity

SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

<u>Agency</u> DOT

Proper Shipping Name NON HAZARDOUS PAINT **UN Number**

Packing Group

Hazard Class

Freight Class: 55

SECTION 15 - Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains a listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

14808-60-7 Quartz

This product contains a listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

The following ingredients are listed in the TSCA Section 8(b) Inventory (Hydrated forms of chemical substances are exempt from the inventory as mixtures; the anhydrous chemical substances, however, are reportable for the Inventory):

14808-60-7 Quartz

US CAA Section 112 Hazardous Air Pollutants (HAPs) List

US EPCRA (SARA Title III) Section 313 - Toxic Chemical:

- None

Hazardous Material Information System (HMIS)



SECTION 16 - Disclaimer

Date Prepared: 7/21/2015 Date revised: 2015-04-14

Reviewer Revision 2

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