

Safety Data Sheet



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1. Identification

| | | | |
|-----------------------------|--|-------------------------|--|
| Product Name: | SKHP DURASHELL GLOSS 1 GAL KIT CUSTOM | Revision Date: | 12/10/2021 |
| Product Identifier: | 368005 | Supersedes Date: | New SDS |
| Recommended Use: | Floor Coating | | |
| Supplier: | Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA | Manufacturer: | Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA |
| Preparer: | Regulatory Department | | |
| Emergency Telephone: | 24 Hour Hotline: 847-367-7700 | | |

2. Hazards Identification

Classification

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

26% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

| | | |
|--|------|--|
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Respiratory Sensitizer, category 1 | H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| STOT, Single Exposure, category 3, RTI | H335 | May cause respiratory irritation. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|-----------|--|
| P223 | Do not allow contact with water. |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| 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. |
| P285 | In case of inadequate ventilation wear respiratory protection. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P321 | For specific treatment see label. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container in accordance with local, regional and national regulations. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P333+P313 | If skin irritation or rash occurs: Get medical advice/attention. |

Not Yet Specified

P342+P311

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P403+P233

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

GHS SDS PRECAUTIONARY STATEMENTS

P363

Wash contaminated clothing before reuse.

3. Composition / Information on Ingredients**HAZARDOUS SUBSTANCES**

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt.% Range</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|--|----------------|-------------------|--------------------|------------------------------|
| Hexamethylene diisocyanate homopolymer | 28182-81-2 | 10-25 | GHS07-GHS08 | H317-332-334-335 |
| Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate | 666723-27-9 | 2.5-10 | Not Available | Not Available |
| Propylene Glycol Monobutyl Ether | 5131-66-8 | 1.0-2.5 | GHS07 | H302-315-319 |
| Triethanolamine | 102-71-6 | 1.0-2.5 | Not Available | Not Available |
| Hydrous Magnesium Silicate | 14807-96-6 | 1.0-2.5 | Not Available | Not Available |
| Titanium Dioxide | 13463-67-7 | 0.1-1.0 | Not Available | Not Available |
| N,N-Dimethylcyclohexylamine | 98-94-2 | 0.1-1.0 | GHS06 | H301-330 |
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 | 0.1-1.0 | Not Available | Not Available |
| Hexamethylene Diisocyanate | 822-06-0 | 0.1-1.0 | GHS06-GHS07-GHS08 | H302-315-317-319-330-334-335 |
| Zinc Compound | PROPRIETARY | <0.1 | Not Available | Not Available |

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. Remove contact lenses, if present and easy to do. Continue rinsing.

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: 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. 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. If swallowed, rinse mouth with water. If feeling unwell, 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.

Special Fire and Explosion Hazard (Combustible Dust): No Information

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 SDS and 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.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

| Chemical Name | CAS-No. | Weight % Less Than | ACGIH TLV- TWA | ACGIH TLV- STEL | OSHA PEL- TWA | OSHA PEL- CEILING |
|--|-------------|-----------------------|----------------------|--------------------|----------------------|----------------------|
| Hexamethylene diisocyanate homopolymer | 28182-81-2 | 25.0 | N.E. | N.E. | N.E. | N.E. |
| Hydrophilic Aliphatic Polyisocyanate based on Hexamethylene Diisocyanate | 666723-27-9 | 10.0 | N.E. | N.E. | N.E. | N.E. |
| Propylene Glycol Monobutyl Ether | 5131-66-8 | 5.0 | N.E. | N.E. | N.E. | N.E. |
| Triethanolamine | 102-71-6 | 5.0 | 5 mg/m ³ | N.E. | N.E. | N.E. |
| Hydrous Magnesium Silicate | 14807-96-6 | 5.0 | 2 mg/m ³ | N.E. | N.E. | N.E. |
| Titanium Dioxide | 13463-67-7 | 1.0 | 10 mg/m ³ | N.E. | 15 mg/m ³ | N.E. |
| N,N-Dimethylcyclohexylamine | 98-94-2 | 1.0 | N.E. | N.E. | N.E. | N.E. |
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 | 1.0 | 100 ppm | 150 ppm | 100 ppm | N.E. |
| Hexamethylene Diisocyanate | 822-06-0 | 1.0 | 0.005 ppm | N.E. | N.E. | N.E. |
| Zinc Compound | PROPRIETARY | 0.1 | 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 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.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

| | | | |
|---------------------------------|-----------------------------|---|-----------|
| Appearance: | Liquid | Physical State: | Liquid |
| Odor: | Solvent Like | Odor Threshold: | N.E. |
| Specific Gravity: | 1.092 | pH: | N.A. |
| Freeze Point, °C: | N.D. | Viscosity: | N.D. |
| Solubility in Water: | Slight | Partition Coefficient, n-octanol/ water: | N.D. |
| Decomposition Temp., °C: | N.D. | Explosive Limits, vol%: | 1.3 - 9.0 |
| Boiling Range, °C: | -18 - 171 | Flash Point, °C: | 94 |
| Flammability: | Does not Support Combustion | Auto-Ignition Temp., °C: | N.D. |
| Evaporation Rate: | Slower than Ether | Vapor Pressure: | N.D. |
| Vapor Density: | Heavier than Air | | |

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

Conditions to Avoid: Avoid excess heat. Keep from freezing.

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: Causes skin irritation. Allergic reactions are possible. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure to this material. 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. High vapor concentrations are irritating to the eyes, nose, throat and lungs. May cause allergic respiratory reaction. Constituents of this product include crystalline silica dust which, if inhalable, can may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

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

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause lung damage. 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, Skin Absorption, 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> |
|----------------|--|------------------|---------------------|-------------------|
| 28182-81-2 | Hexamethylene diisocyanate homopolymer | N.E. | >2000 mg/kg Rat | 18.5 mg/L Rat |
| 5131-66-8 | Propylene Glycol Monobutyl Ether | 1900 mg/kg Rat | >2000 mg/kg Rat | N.E. |
| 102-71-6 | Triethanolamine | 4190 mg/kg Rat | >20000 mg/kg Rabbit | N.E. |
| 14807-96-6 | Hydrous Magnesium Silicate | 6000 | N.E. | 30 |
| 13463-67-7 | Titanium Dioxide | >10000 mg/kg Rat | 2500 mg/kg | N.E. |
| 98-94-2 | N,N-Dimethylcyclohexylamine | 272 mg/kg Rat | N.E. | 1.9 mg/L Rat |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | 5350 mg/kg Rat | 9500 mg/kg Rabbit | >20 mg/L |
| 822-06-0 | Hexamethylene Diisocyanate | 738 mg/kg Rat | >7000 mg/kg Rat | 0.06 mg/L Rat |

N.E. - Not Established

12. Ecological Information

Not Yet Specified

ECOLOGICAL INFORMATION: Product is a mixture of listed components. No ecotoxicity data was found for this product.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances.

14. Transport Information

| | <u>Domestic (USDOT)</u> | <u>International (IMDG)</u> | <u>Air (IATA)</u> | <u>TDG (Canada)</u> |
|------------------------------|-------------------------|-----------------------------|-------------------|---------------------|
| 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:

Respiratory or Skin Sensitization, Specific target organ toxicity (single or repeated exposure)

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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|-------------------------------------|----------------|
| Dipropylene Glycol Monomethyl Ether | 34590-94-8 |
| Hexamethylene Diisocyanate | 822-06-0 |
| Zinc Compound | PROPRIETARY |
| Copper Phthalocyanine Blue | 12239-87-1 |
| Zinc Naphthenate-2-Ethylhexanoate | 12001-85-3 |

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.

U.S. State Regulations:

California Proposition 65

WARNING: Cancer - www.P65Warnings.ca.gov.

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: 71 g/L

SDS REVISION DATE: 12/10/2021

REASON FOR REVISION:

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

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.