

Safety Data Sheet

1. Identification

Product Information: L42C4420L1

Product Name: CEMGUARD PLUS PRECATALYZED SELF-SEAL LACQUER -- LOW-SATIN

Recommended Use: Surface Preparation or Protection

Supplied by: CCI | Finishworks
Division of RPM Wood Finishes Group, Inc.
22 South Center Street
Hickory, NC 28602
USA

Company Phone No: (800) 522-8266

Emergency Phone No. CHEMTREC: (800) 424-9300

International Emergency No. CHEMTREC: (703) 527-3887 (Collect calls are accepted)

2. Hazards Identification

GHS Classification

Carc. 1B, Eye Dam. 1, Flam. Liq. 2, Muta. 1B, Repr. 2, Skin Irrit. 2, STOT RE 2, STOT SE 3 NE

Symbol(s) of Product



Signal Word

Danger

GHS HAZARD STATEMENTS

| | | |
|---------------------------------------|------|--|
| Flammable Liquid, category 2 | H225 | Highly flammable liquid and vapour. |
| Germ Cell Mutagenicity, category 1B | H340 | May cause genetic defects. |
| Carcinogenicity, category 1B | H350 | May cause cancer. |
| Reproductive Toxicity, category 2 | H361 | Suspected of damaging fertility or the unborn child. |
| STOT, single exposure, category 3, NE | H336 | May cause drowsiness or dizziness. |
| STOT, repeated exposure, category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |

GHS LABEL PRECAUTIONARY STATEMENTS

| | |
|-----------|--|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |

| | |
|----------------|--|
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P405 | Store locked up. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P332+P313 | If skin irritation occurs: Get medical advice/attention. |
| P362+P364 | Take off contaminated clothing and wash it before reuse. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P310 | Immediately call a POISON CENTER or doctor/physician. |

GHS SDS PRECAUTIONARY STATEMENTS

| | |
|------|---|
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting/ equipment. |
| P242 | Use only non-sparking tools. |
| P243 | Take precautionary measures against static discharge. |

3. Composition/Information on ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|---|----------------|--------------|-------------------------|------------------------------|
| n-butyl acetate | 123-86-4 | 10-25 | GHS02-GHS07 | H225-336 |
| ethanol | 64-17-5 | 10-25 | GHS02 | H225 |
| ethyl acetate | 141-78-6 | 10-25 | GHS02-GHS07 | H225-332-336-319 |
| cellulose nitrate, cellulose ester | 9004-70-0 | 2.5-10 | GHS02 | H228 |
| toluene | 108-88-3 | 2.5-10 | GHS02-GHS05-GHS07-GHS08 | H225-304-315-332-336-361-373 |
| 2,2,4-trimethyl-1,3-pentanediol diisobutyrate | 6846-50-0 | 2.5-10 | No Information | No Information |
| isopropanol | 67-63-0 | 2.5-10 | GHS02-GHS07 | H225-302-319-336 |
| m-xylene | 108-38-3 | 2.5-10 | GHS02-GHS05-GHS07 | H225-315-332 |
| butanol | 71-36-3 | 2.5-10 | GHS02-GHS05-GHS07 | H226-302-315-332-335-336-318 |
| pm acetate | 108-65-6 | 2.5-10 | GHS02-GHS07 | H226-332 |
| isobutanol | 78-83-1 | 1.0-2.5 | GHS02-GHS05-GHS06 | H226-315-331-335-336-318 |
| o-xylene | 95-47-6 | 1.0-2.5 | GHS02-GHS05-GHS07 | H225-315-332 |
| ethylbenzene | 100-41-4 | 1.0-2.5 | GHS02-GHS07-GHS08 | H225-304-332-373 |
| aliphatic petroleum distillates | 64742-47-8 | 1.0-2.5 | GHS06-GHS08 | H331-304 |
| aliphatic petroleum distillates | 64742-88-7 | 1.0-2.5 | GHS06-GHS08 | H331-372-304 |
| p-xylene | 106-42-3 | 0.1-1.0 | GHS02-GHS05-GHS07 | H226-315-332-312 |
| aliphatic hydrocarbons | 8052-41-3 | 0.1-1.0 | GHS02-GHS08 | H224-304-340-350-372 |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

4. First-aid Measures



FIRST AID - EYE CONTACT: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

FIRST AID - SKIN CONTACT: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

FIRST AID - INGESTION: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

FIRST AID - INHALATION: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

5. Fire-fighting Measures

SPECIAL FIREFIGHTING PROCEDURES: Evacuate all persons from the fire area to a safe location. Move non-burning material, as feasible, to a safe location as soon as possible. Fire fighters should be protected from potential explosion hazards while extinguishing the fire. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use. Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers. Use water spray to disperse vapors if a spill or leak has not ignited. DO NOT extinguish a fire resulting from the flow of flammable liquid until the flow of the liquid is effectively shut off. This precaution will help prevent the accumulation of an explosive vapor-air mixture after the initial fire is extinguished.

FIREFIGHTING EQUIPMENT: This is a NFPA/OSHA Class 1B or less flammable liquid. Follow NFPA30, Chapter 16 for fire protection and fire suppression. Use a dry chemical, carbon dioxide, or similar ABC fire extinguisher for incipient fires. Water may be used to cool and prevent rupture of containers that are exposed to heat from fire.

6. Accidental Release Measures

ENVIRONMENTAL MEASURES: No Information

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

7. Handling and Storage



HANDLING: Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. In keeping with safe handling practices, avoid ignition sources (smoking, flames, pilot lights, electrical sparks); ground and bond containers when transferring the material to prevent static electricity sparks that could ignite vapor and use spark proof tools and explosion proof equipment. Empty containers may retain product residue or vapor. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury.

STORAGE: Keep containers closed when not in use. Store in cool well ventilated space away from incompatible materials.

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u> | <u>OSHA PEL-CEILING</u> |
|------------------------------------|----------------------|-----------------------|---------------------|-------------------------|
| n-butyl acetate | 150 ppm | 200 ppm | 150 ppm | N.D. |
| ethanol | N.D. | 1000 ppm | 1000 ppm | N.D. |
| ethyl acetate | 400 ppm | N.D. | 400 ppm | N.D. |
| cellulose nitrate, cellulose ester | N.D. | N.D. | N.D. | N.D. |
| toluene | 20 ppm | N.D. | 200 ppm | 300 ppm |
| 2,2,4-trimethyl-1,3-pentanediol | N.D. | N.D. | N.D. | N.D. |
| diisobutyrate | | | | |
| isopropanol | 200 ppm | 400 ppm | 400 ppm | N.D. |
| m-xylene | 100 ppm | 150 ppm | 100 ppm | N.D. |
| butanol | 20 ppm | N.D. | 100 ppm | N.D. |
| pm acetate | N.D. | N.D. | N.D. | N.D. |
| isobutanol | 50 ppm | N.D. | 100 ppm | N.D. |
| o-xylene | 100 ppm | 150 ppm | N.D. | N.D. |
| ethylbenzene | 20 ppm | N.D. | 100 ppm | N.D. |
| aliphatic petroleum distillates | N.D. | N.D. | N.D. | N.D. |
| aliphatic petroleum distillates | N.D. | N.D. | N.D. | N.D. |
| p-xylene | 100 ppm | 150 ppm | 100 ppm | N.D. |
| aliphatic hydrocarbons | 100 ppm | N.D. | 500 ppm | N.D. |

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
 Sk = Skin Sensitizer N.E. = Not Established N.D. = Not Determined

Personal Protection



RESPIRATORY PROTECTION: A NIOSH-approved air-purifying respirator with the appropriate cartridge 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 potential for an uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.



SKIN PROTECTION: Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



EYE PROTECTION: Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



OTHER PROTECTIVE EQUIPMENT: No Information



HYGIENIC PRACTICES: It is good practice to avoid contact with the product and/or its vapors, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking.

9. Physical and Chemical Properties

| | | | |
|---------------------------------------|---------------------------|---|----------------|
| Appearance: | Cloudy Liquid | Physical State: | LIQUID |
| Odor: | Strong Solvent | Odor Threshold: | Not determined |
| Density, g/cm³: | 0.924 | pH: | Not determined |
| Freeze Point, °F: | Not determined | Viscosity: | Not determined |
| Solubility in Water: | Not determined | Partition Coefficient, n-octanol/ water: | Not determined |
| Decomposition temperature, °F: | Not determined | Explosive Limits, %: | Not determined |
| Boiling Range, °F: | > 100 °F | Flash Point, °F: | 25 ° F |
| Combustibility: | Supports Combustion | Auto-Ignition Temperature, °F: | Not determined |
| Evaporation Rate: | Faster than Diethyl Ether | Vapor Pressure, mmHg: | Not determined |
| Vapor Density: | Not determined | | |

N.I. = No Information

10. Stability and reactivity

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Heat, flames and sparks.

INCOMPATIBILITY: Acids, Bases, Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Not determined.

11. Toxicological information



Practical Experiences

EMERGENCY OVERVIEW: No Information

EFFECT OF OVEREXPOSURE - EYE CONTACT: No Information

EFFECT OF OVEREXPOSURE - INGESTION: No Information

EFFECT OF OVEREXPOSURE - INHALATION: No Information

EFFECT OF OVEREXPOSURE - SKIN CONTACT: No Information

CARCINOGENICITY: May cause cancer.

PRIMARY ROUTE(S) OF ENTRY:

Eye Contact, Skin Contact, Inhalation

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> |
|----------------|---|------------------|---------------------|-------------------|
| 123-86-4 | n-butyl acetate | 14130 mg/kg Rat | >17600 mg/kg Rabbit | 23.4 mg/l Rat |
| 64-17-5 | ethanol | 7060 mg/kg Rat | N.I. | 124.7 mg/L Rat |
| 141-78-6 | ethyl acetate | 5620 mg/kg Rat | >18000 mg/kg Rabbit | 200 mg/l Rat |
| 9004-70-0 | cellulose nitrate, cellulose ester | >5000 mg/kg Rat | >5000 mg/kg | >20 mg/l |
| 108-88-3 | toluene | 2600 mg/kg Rat | 12000 mg/kg Rabbit | 12.5 mg/L Rat |
| 6846-50-0 | 2,2,4-trimethyl-1,3-pentanediol diisobutyrate | >3200 mg/kg Rat | >2000 mg/kg Rabbit | >20 mg/l |
| 67-63-0 | isopropanol | 1870 mg/kg Rat | 4059 mg/kg Rabbit | 72.6 mg/L Rat |
| 108-38-3 | m-xylene | 5000 mg/kg Rat | 6500 mg/kg Rabbit | >20 mg/l Rat |
| 71-36-3 | butanol | 700 mg/kg Rat | 3402 mg/kg Rabbit | 8000 mg/l Rat |
| 108-65-6 | pm acetate | 8532 mg/kg Rat | >5000 mg/kg Rabbit | >20 mg/L |
| 78-83-1 | isobutanol | 2460 mg/kg Rat | 3400 mg/kg Rabbit | >6.5 mg/L Rat |
| 95-47-6 | o-xylene | 3608 mg/kg Rat | 14100 mg/kg Rabbit | >20 mg/l Rat |
| 100-41-4 | ethylbenzene | 3500 mg/kg Rat | 15400 mg/kg Rabbit | 17.2 mg/L Rat |
| 64742-47-8 | aliphatic petroleum distillates | >5000 mg/kg Rat | >2000 mg/kg Rabbit | >5.2 mg/L Rat |
| 64742-88-7 | aliphatic petroleum distillates | >5000 mg/kg Rat | 3000 mg/kg Rabbit | >5.28 mg/L Rat |
| 106-42-3 | p-xylene | 4029 mg/kg Rat | N.I. | >20 mg/l Rat |
| 8052-41-3 | aliphatic hydrocarbons | >5000 mg/kg Rat | >3160 mg/kg Rat | 21 mg/L Rat |

N.I. = No Information

12. Ecological information

ECOLOGICAL INFORMATION: Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. Disposal Information



Product

DISPOSAL METHOD: Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Follow personal protective equipment recommendations found in Section VIII. Personal protective equipment needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill. Never exceed any occupational exposure limits. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Do not allow the spilled product to enter public drainage system or open waterways.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT: UN1263, PAINT, 3, II
 IATA: UN1263, PAINT, 3, II
 IMDG: UN1263, PAINT, 3, II

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, Chronic Health Hazard, 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:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| toluene | 108-88-3 |
| isopropanol | 67-63-0 |
| m-xylene | 108-38-3 |
| butanol | 71-36-3 |
| o-xylene | 95-47-6 |
| ethylbenzene | 100-41-4 |

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> |
|------------------------------|----------------|
| octamethylcyclotetrasiloxane | 556-67-2 |

U.S. State Regulations:

CALIFORNIA PROPOSITION 65 CARCINOGENS

WARNING: This product contains a chemical known to the State of California to cause cancer.

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

16. Other Information

Revision Date: 5/10/2015 **Supersedes Date:** 4/20/2015

Reason for revision: Regulatory Formula Source Changed
Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
02 - Hazards Identification

Datasheet produced by: Regulatory Department

HMIS Ratings:

| | | | | | | | |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|
| Health: | 2 | Flammability: | 3 | Reactivity: | 0 | Personal Protection: | X |
|----------------|---|----------------------|---|--------------------|---|-----------------------------|---|

Volatile Organic Compounds, gr/ltr: 697

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

| | |
|------|--|
| H224 | Extremely flammable liquid and vapour. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H228 | Flammable solid. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H340 | May cause genetic defects. |
| H350 | May cause cancer. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS05



GHS06



GHS07



GHS08



The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.