

SAFETY DATA SHEET

GARON

ITEM NUMBER: 25002COLOR

SECTION I – IDENTIFICATION

PRODUCT NAME: CONCORD COLORS
PRODUCT CODES: 25002COLORSMANUFACTURER: Garon Products Inc.
STREET ADDRESS: PO Box 1924
CITY, STATE, ZIP: Wall, NJ 07719-1924INFORMATION PHONE: 800-631-5380
EMERGENCY PHONE: Chemtrec 800-424-9300
FAX PHONE: 732-223-2002

DATE REVISED: 06/01/15

CHEMICAL NAME OR CLASS: industrial Coating Paint

SECTION 2 – HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization	Category 1
Germ cell mutagenicity	Category 1B
Carcinogenicity	Category 2
Flammable liquids	Category 3

GHS Label elements, including precautionary statements

Emergency Overview

Signal word **Danger**

Hazard Statements

May cause an allergic skin reaction
May cause genetic defects
Suspected of causing cancer
Flammable liquid and vapor
Appearance: Liquid
Physical State: Liquid
Odor: No data Mild Chemical

Precautionary Statements - Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Keep away from heat/sparks/open flames/hot surfaces. - No smoking Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment Use only non-sparking tools. Take precautionary measures against static discharge.
Precautionary Statements - Response	If exposed or concerned: Get medical advice/attention. Specific treatment (see supplemental first aid instructions on this label)
Skin	If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Fire	In case of fire: Use CO ₂ , dry chemical, or foam for extinction
Precautionary Statements - Storage	Store locked up Store in a well-ventilated place. Keep cool
Precautionary Statements - Disposal	Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC)	Not applicable
Unknown Toxicity	51.5% of the mixture consists of ingredient(s) of unknown toxicity
Other information	Toxic to aquatic life with long lasting effects. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Prolonged or repeated contact may dry skin and cause irritation.
Interactions with Other Chemicals	Use of alcoholic beverages may enhance toxic effects.

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	CAS Number	Weight-%
Titanium Dioxide*	13463-67-7	5 – 10
Limestone*	1317-65-3	13 – 25
Stoddard Solvent*	8052-41-3	13 – 25
Methylethyl Ketoxime*	96-29-7	0.1 - 1
Aromatic Solvent*	64742-95-6	1 - 3

*The exact percentage (concentration) of composition has been withheld as a trade secret

SECTION 4 – FIRST AID MEASURES	
General Advice	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.
Most important symptoms and effects, both acute and delayed	Most Important Symptoms and Effects: Itching. Rashes. Hives.
	Indication of any immediate medical attention and special treatment needed
Notes to Physician	May cause sensitization of susceptible persons. Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, CO₂, water spray or regular foam. Use water spray or fog; do not use straight streams.

Unsuitable extinguishing media

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Some may be transported hot.

Uniform Fire Code Sensitizer: Liquid

Combustible Liquid: II

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

Move containers from fire area if you can do it without risk.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	
Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.
Other Information	Refer to protective measures listed in Sections 7 and 8. Ventilate the area.

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Environmental precautions	Prevent entry into waterways, sewers, basements or confined areas.
Methods for containment	A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Methods for cleaning up	Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.
Conditions for safe storage	Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.
Incompatible Products	None known based on information supplied.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Stoddard Solvent	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³	IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³
Limestone	NOT ESTABLISHED	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992)
See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures Showers, Eyewash stations, Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection tight sealing safety goggles.

Skin and body protection Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves. Antistatic boots.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

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Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state	Liquid
Appearance	Liquid
Color	No information available
Odor	Mild Chemical
Odor Threshold	No information available

Property	Values	Remarks Method
pH	7	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	>37°C / > 99°F	None known
Flash Point	43°C / 110°F	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.10 to 1.290	None known
Water Solubility	Insoluble in water	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Auto ignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing properties	No data available	None known
Softening Point	No data available	
VOC Content (%)	26-28 V/W 40-43 V/V	
Particle Size	No data available	
Particle Size Distribution		

SECTION 10- STABILITY AND REACTIVITY

<u>Reactivity</u>	No data available.
<u>Chemical stability</u>	Stable under recommended storage conditions.
<u>Possibility of Hazardous Reactions</u>	None under normal processing.
<u>Hazardous Polymerization</u>	Hazardous polymerization does not occur.
<u>Conditions to avoid</u>	Heat, flames and sparks.
<u>Incompatible materials</u>	None known based on information supplied.
<u>Hazardous Decomposition Products</u>	Carbon oxides.

SECTION 11- TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

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Inhalation Specific test data for the substance or mixture is not available.
Eye contact Specific test data for the substance or mixture is not available.
Skin contact Specific test data for the substance or mixture is not available.
Ingestion Specific test data for the substance or mixture is not available.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium Dioxide	> 10000 mg/kg (Rat)	-	-
Supplier Trade Secret	-	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h = 3400 ppm (Rat) 4 h
Supplier Trade Secret	= 930 mg/kg (Rat)	= 0.2 mg/kg (Rabbit)	= 20 mg/L (Rat) 4 h
Stoddard Solvent	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms Itching. Rashes. Hives.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects Contains a known or suspected mutagen.

Carcinogenicity Below indicates whether each agency has listed any ingredient as a carcinogen.

IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor) X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity Contains a known or suspected mutagen.

Possible risk of irreversible effects. Contains a known or suspected carcinogen.

Target Organ Effects Skin. May affect the genetic material in germ cells (sperm and eggs). Respiratory system.

Eyes. Gastrointestinal tract (GI). Central Nervous System (CNS). Kidney. Lungs. Liver. Testes.

Aspiration Hazard No information available.

Numerical measures of toxicity Product Information

The following values are calculated based on chapter 3.1 of the GHS document **ATE mix (oral) 14,375.00 mg/kg**

SECTION 12- ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Titanium Dioxide		96h LC50: = 9.22 mg/L (Oncorhynchus mykiss)		48h EC50: = 6.14 mg/L
Supplier Trade Secret	72h EC50: = 83 mg/L (Desmodesmus Subspicatus)	96h LC50: 777 - 914 mg/L (Pimephales Promelas) 96h LC50: 320 - 1000 mg/L (Leuciscus Idus) 96h LC50: = 760 mg/L (Poecilia Reticulata)	EC50 = 281 mg/L 17 h EC50 = 950 mg/L 5 min	48h EC50: = 750 mg/L
Supplier Trade Secret		96h LC50: = 2200 mg/L (Pimephales Promelas)		96h LC50: = 2.6 mg/L

Persistence and Degradability No information available.

Bioaccumulation

Chemical Name	Log Pow
Supplier Trade Secret	0.65

Other adverse effects No information available.

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SECTION 13- DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).
Contaminated Packaging Do not reuse empty containers.
US EPA Waste Number D001
California Hazardous Waste Codes 331: This product contains one or more substances that are listed with the State of California as a hazardous waste.

SECTION 14- TRANSPORT INFORMATION

DOT	Proper Shipping Name Hazard Class Description	CONSUMER COMMODITY ORM-D CONSUMER COMMODITY, ORM-D
ICAO	UN-No. Proper Shipping Name Hazard Class Packing Group Description	UN1263 PAINT 3 III UN1263, PAINT, 3, III
IMDG/IMO	UN-No. Proper Shipping Name Hazard Class Packing Group EMS-No. Description	UN1263 PAINT 3 III F-E, S-E UN1263, PAINT, 3, III, (43°C), MARINE POLLUTANT

SECTION 15 – REGULATORY INFORMATION

TSCA (United States Toxic Substances Control Act Section 8(b) Inventory)	Complies
DSL (Canadian Domestic Substances List/Non-Domestic Substances List)	All components are listed either on the DSL or NDSL.
IECSC	-
REGULATORY INFORMATION - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372	
SARA 311/312 Hazard Categories	Acute Health Hazard – Yes Chronic Health Hazard - Yes Fire Hazard – Yes Pressure Hazard - No Reactivity Hazard - No
CWA (Clean Water Act)	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Supplier Trade Secret	Carcinogen

U.S. State Right-to-Know Regulations

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Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		
Supplier Trade Secret			X	X	X

International Regulations

Mexico

National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
TITANIUM DIOXIDE (10 - 30)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³
STODDARD SOLVENT (3 - 7)		Mexico: TWA 100 ppm Mexico: TWA 523 mg/m ³ Mexico: STEL 200 ppm Mexico: STEL 1050 mg/m ³
MANGANESE 2-ETHYLHEXANOATE (3 - 7)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³

Mexico - Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class Not determined

SECTION 16 – OTHER INFORMATION				
NFPA	Health Hazards 2	Flammability 2	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazards 2 *	Flammability 2	Physical Hazard 0	Personal Protection X

Chronic Hazard Star Legend * = Chronic Health Hazard