Material Safety Data Sheet

24 Hour Assistance
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Rust-Oleum Corporation
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Section 1 – Chemical Product / Company Information

Product Name MATHYS 5-GL NOXYDE TACOMA GREEN

Revision Date April 13, 2012

Identification Number 243014

Product Use/Class Paint/Water-borne

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

Section 2 – Composition / Information on Ingredients

Chemical Name	CAS Number	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Zinc Phosphate, modified	Proprietary	10	N.E.	N.E.	N.E.	N.E.
Polypropylene Glycol Alkyl Phenyl Ether	9064-13-5	2.5	N.E.	N.E.	N.E.	N.E.
Naphtha, hydrodesulfurized, heavy	64742-82-1	1	N.E.	N.E.	N.E.	N.E.
Fatty Acids, C6-C19 branched, mixture, zinc salts	68551-44-0	1	N.E.	N.E.	N.E.	N.E.

Section 3 – Hazards Identification

*** EMERGENCY OVERVIEW ***: Harmful if inhaled. Causes eye irritation. Aspiration hazard. Harmful or fatal if swallowed. May cause skin irritation.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes moderate eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful. Inhaling large quantities of mist or vapors may cause some irritation to nose, throat and lungs.

EFFECTS OF OVEREXPOSURE - INGESTION: Ingestion is not considered to be a hazard encountered in normal

industrial use. This material may be harmful or fatal if swallowed. Aspiration hazard. Depression of the central nervous system can occur. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Overexposure may cause nervous system damage. Overexposure may cause lung damage. Repeated contact with skin may irritate pre-existing skin conditions.

ENVIRONMENTAL HAZARDS: Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Section 4 – First Aid Measures

FIRST AID - EYE CONTACT: Holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Seek medical attention.

FIRST AID - SKIN CONTACT: Wash with soap and large amounts of water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Call physician immediately.

Section 5 – Fire Fighting Measures

Flash Point >200ºF

Extinguishing Media: Film Forming Foam Carbon Dioxide Dry Chemical Dry Sand Water Spray

FIRE AND EXPLOSION HAZARDS: This liquid material will not burn. However, the dried paint film may burn in a fire.

SPECIAL FIREFIGHTING PROCEDURES: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Keep containers and surroundings cool with water spray.

DECOMPOSITION PRODUCTS: Carbon oxides and metal oxides.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand, earth or vermiculite), then place in a chemical waste container for disposal in accord with local regulations (see Section 13). Do not allow to enter drains or watercourses. Clean up preferably with detergent, not solvents.

Section 7 – Handling and Storage

HANDLING: Keep container tightly closed. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the use of this product. Wash thoroughly after handling.

STORAGE: Do not store below 32ºF or above 120ºF. KEEP OUT OF THE REACH OF CHILDREN! Store in a cool, well-ventilated area away from heat, incompatible materials and ignition sources. Store opened and resealed

containers upright to avoid leakage.

Section 8 – Exposure Controls / Personal Protection

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: None required under normal intended use conditions. In areas of poor ventilation or if vapor exposure causes discomfort, wear a NIOSH approved respiration with an organic vapor cartridge.

SKIN PROTECTION: Wear impervious gloves to prevent prolonged skin contact.

EYE PROTECTION: Wear safety glasses with side shields or goggles to prevent eye contact.

OTHER PROTECTIVE EQUIPMENT: STANDARD INDUSTRIAL CLOTHING STANDARDS SHOULD BE FOLLOWED.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Avoid contact with eyes, skin, and clothing.

Section 9 – Physical and Chemical Properties

Vapor Density	Heavier than Air	Odor:	Mild
Appearance:	Green Emulsion	Evaporation Rate:	Slower than Ether
Solubility in Water:	Miscible	Freeze Point:	32ºF.
Specific Gravity:	1.2	pH:	8 - 9
Physical State:	Liquid	VOC Content:	15 g/L
Viscosity:	6500 ï 9000 cps		

Section 10 – Stability and Reactivity

INCOMPATIBILITY: Avoid contact with strong oxidizers, acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, oxides of carbon and oxides of nitrogen, phosphorous, and/or sulfur are possible. Smoke, fumes, oxides of carbon, nitrogen, silica, and various metal oxides are possible decomposition products.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

No data on the paint preparation itself.

Chemical Name	**LD_{50}**	**LC_{50}**
Zinc Phosphate, modified	>5000 mg/kg [Oral, Rat]	
Polypropylene Glycol Alkyl Phenyl Ether	6000 mg/kg [Oral, Rat]	
Naphtha, hydrodesulfurized, heavy	>3000 mg/kg [Dermal, Rabbit] >6500 mg/kg [Oral, Rat]	>14 mg/L [Inhalation, 4-Hr]

Section 12 – Ecological Information

Acute Toxicity

Chemical Name	Ecotoxicity (LC50)	Species
Zinc Phosphate, modified	1 ï 5 mg/L	Fish - Trout
Polypropylene Glycol Alkyl Phenyl Ether	53 mg/L	Fish ï Golden Orfe
Naphtha, hydrodesulfurized, heavy	10 ï 100 mg/L	Fish

No data on paint preparation itself.

Section 13 – Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Section 14 – Transportation Information

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

Section 15 – Regulatory Information

CERCLA – SARA Hazard Category
This product has been reviewed according to the EPA ñHazard Categoriesò 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:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD

SARA Section 313:
Listed below are the substances (if any) contained in this product that are 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:

Chemical Name	CAS Number	Wt/Wt % (less than)
Zinc Phosphate, modified	Proprietary	10
Fatty Acids, C6-C19 branched, mixture, zinc salts	68551-44-0	1

Toxic Substances Control Act:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

None

International Regulations:

Canadian WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: D2B

Section 16 – Other Information

HMIS Ratings: Health: 2 Flammability: 1 Physical Hazard: 0 PPE: X

NFPA Ratings: Health: 2 Flammability: 1 Instability: 0

Volatile Organic Compounds, g/L: 15

Reason for Revision: Regulatory Update

Abbreviations: N.A. ï Not Applicable N.D. ï Not Determined N.E. ï Not Established

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 material 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 usersô 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.