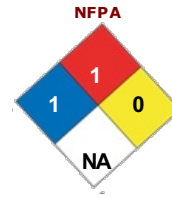


**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** NatureGuard® Transparent Weatherproofing Deck & Siding Stain Medium Base  
**Product Code:** N560  
**MSDS Manufacturer Number:** N560  
**Manufacturer Name:** Masterchem Industries LLC  
**Address:** 3135 Old Highway M  
Imperial, MO 63052-2834  
**General Phone Number:** (636) 942-2510  
**General Fax Number:** (636) 942-3663  
**Customer Service Phone Number:** (800) 325-3552  
**CHEMTREC:** For emergencies in the US, call CHEMTREC: 800-424-9300  
**Canutec:** In Canada, call CANUTEC: (613) 996-6666 (call collect)  
**MSDS Creation Date:** April 08, 2005  
**MSDS Revision Date:** September 30, 2011  
**MSDS Format:** According to ANSI Z400.1-2004



HMIS	
Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	

\* Chronic Health Effects

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent
Water	7732-18-5	30 - 60 by weight
Titanium Dioxide	13463-67-7	1 - 5 by weight
NJTS 50173NVE	Proprietary	10 - 30 by weight
Nepheline Syenite	37244-96-5	10 - 30 by weight
2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate	25265-77-4	0.1 - 1 by weight

**SECTION 3 - HAZARDS IDENTIFICATION**

**Emergency Overview:** Irritant.  
**Potential Health Effects:**  
**Eye:** May cause irritation.  
**Skin:** May cause irritation.  
**Inhalation:** Prolonged or excessive inhalation may cause respiratory tract irritation.  
**Ingestion:** May be harmful if swallowed. May cause vomiting.  
**Chronic Health Effects:** Prolonged or repeated contact may cause skin irritation.  
**Signs/Symptoms:** Overexposure may cause headaches and dizziness.  
**Target Organs:** Eyes. Skin. Respiratory system. Digestive system.  
**Aggravation of Pre-Existing Conditions:** None generally recognized.

**SECTION 4 - FIRST AID MEASURES**

**Eye Contact:** Immediately flush eyes with plenty of water for 15 to 20 minutes. Get medical attention, if irritation or symptoms of overexposure persists.  
**Skin Contact:** Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.  
**Ingestion:** If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.  
**Other First Aid:** Due to possible aspiration into the lungs, DO NOT induce vomiting if ingested. Provide a glass of water to dilute the material in the stomach. If vomiting occurs naturally, have the person lean forward to reduce the risk of aspiration.

## SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	No Data
Lower Flammable/Explosive Limit:	Not applicable.
Upper Flammable/Explosive Limit:	Not applicable.
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

### **NFPA Ratings:**

NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0
NFPA Other:	NA

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Use proper personal protective equipment as listed in section 8.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.
Spill Cleanup Measures:	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

## SECTION 7 - HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.
Hygiene Practices:	Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description:	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister 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 any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

### **Titanium Dioxide :**

Guideline ACGIH:	TLV-TWA: 10 mg/m <sup>3</sup>
Guideline OSHA:	OSHA-TWA: 15 mg/m <sup>3</sup>

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Liquid.
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Boiling Point:	No Data
Melting Point:	No Data
Density:	10 - 12 Lbs./gal.
Vapor Density:	Greater than 1 (Air = 1).
pH:	8.5 to 9.5
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Flash Point:	No Data
VOC Content:	Material VOC: 18 gm/l (Includes Water) Coating VOC.: 45 gm/l (Excludes Water)

## SECTION 10 - STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.
Incompatible Materials:	Oxidizing agents. Strong acids and alkalis.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Titanium Dioxide :

RTECS Number:	XR2275000
Skin:	Administration onto the skin - Human Standard Draize test.: 300 ug/3D (Intermittent) (RTECS)
Ingestion:	Ingestion - Rat TDLo: 60 gm/kg; Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes. (RTECS)
Carcinogenicity:	IARC: Group 2B: Possibly carcinogenic to humans.

### Nepheline Syenite :

RTECS Number:	QP9365000
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### 2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate :

RTECS Number:	UF6000000
Ingestion:	Oral - Rat LD50: 3200 mg/kg [Details of toxic effects not reported other than lethal dose value] Oral - Mouse LD50: 3200 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.
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## SECTION 14 - TRANSPORT INFORMATION

DOT UN Number:	No Data
DOT Hazard Class:	No Data

## SECTION 15 - REGULATORY INFORMATION

California PROP 65:	WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.
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### Titanium Dioxide :

TSCA Inventory Status:	Listed
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**State Regulations:** Listed in the New Jersey State Right to Know List.  
Listed in the Pennsylvania State Hazardous Substances List.

**Canada DSL:** Listed

**Nepheline Syenite :**

**TSCA Inventory Status:** Not listed

**Canada DSL:** Listed

**2,2,4-Trimethyl-1,3-Pentanediol Monoisobutyrate :**

**TSCA Inventory Status:** Listed

**Canada DSL:** Listed

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## SECTION 16 - ADDITIONAL INFORMATION

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**HMIS Health Hazard:** 1

**HMIS Fire Hazard:** 1

**HMIS Reactivity:** 0

**MSDS Creation Date:** April 08, 2005

**MSDS Revision Date:** September 30, 2011

**MSDS Revision Notes:** Quarterly Formula Updates.

**MSDS Author:** Actio Corporation

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