

Material Safety Data Sheet

Highway White Wax Cure

Version 1

Revised Date: 10/16/2014

SECTION 1 – PRODUCT IDENTIFICATION

Trade name : Highway White Wax Cure (PN# HH-HWWC)
Manufacturer : Hard Hat Construction Supply
13407 Yorba Ave.
Chino, CA 91710
Telephone : (951) 229-7321
Emergency Phone : CHEMTREC (800) 424-9300
Product Use : Coating

SECTION 2 – PRODUCT COMPOSTION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 65.0
Paraffin Wax	64742-61-6	< 30.0
Fatty Acid Amine Soap	Proprietary N/A	< 5.0
Titanium Dioxide	13463-67-7	< 10.0

SECTION 3 – HAZARDS IDENTIFICATION

Emergency Overview

White. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Target Organs:

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SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention: Do not induce vomiting

SECTION 5 – FIRE FIGHTING MEASURES

Flash point : Not applicable.

Method : Not applicable.

Lower explosion limit : Not available.

Upper explosion limit : Not available.

Autoignition temperature : Not available.

Extinguishing media : This product is not expected to burn under normal conditions of use.

Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.

Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA)

Fire and explosion conditions : This product not expected to ignite under normal conditions

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Transfer to appropriate container for disposal. Stop Flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practice. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin, eyes, and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Not required under normal conditions of use. Wear appropriate NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Titanium Dioxide	13463-67-7	ACGIH TWA:	10 mg/m3	
		OSHA PEL:	15 mg/m3	Total Dust
		OSHA TWA:	15 mg/m3	Total Dust
		OSHA TWA:	5 mg/m3	Respirable fraction.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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Form : Liquid
Color : White
Odor : Slight
pH : 8.5 +/-0.5
Vapor pressure : Not available
Vapor density : Heavier than air.
Melting point/range : Not available
Freezing point : Not available
Boiling point/range : 212 °F, 100 °C
Water solubility : Soluble
Specific Gravity : 1.0 +/-0.01
% Volatile Weight : ~76%

SECTION 10 – REACTIVITY / STABILITY

Substances to avoid : Strong acids. Strong bases.
Stability : Stable.
Hazardous polymerization : Will not occur.

SECTION 11 – TOXICOLOGY INFORMATION

No data available

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

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SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:

NOT REGULATED

SECTION 15 – REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components	:	None present or none present in regulated quantities.
SARA 311/312 Hazards	:	Acute Health Hazard
OSHA Hazardous Components	:	Titanium Oxide 13463-67-7
OSHA Status: Considered hazardous based on the following criteria	:	Irritant
OSHA Flammability	:	Not Regulated
Regulatory VOC (less water And exempt solvent)	:	20 g/l
NTP, IARC and OSHA	:	This product not contain any substances listed as a carcinogen.
Sara Title III Section 313 Supplier Notification	:	This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.

U.S. State Regulations:

Chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm: None known.

Components under California Proposition 65:

This product does not contain any substances listed by the State of California Environmental Protection Agency, Office of Environmental Health Hazard Assessment Safe Drinking Water and Toxic Enforcement Act of 1986.

Other:

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This product does not contain nor is it manufactured with ozone depleting chemicals.

SECTION 16 – OTHER INFORMATION

HMIS Rating:

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further Information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Valery Tokar

Legend

ACGIH – American Conference of Governmental Hygienists
CERCLA – Comprehensive Environmental Response, Compensation, And Liability Act
DOT – Department of Transportation
DSL – Domestic Substance List
EPA – Environmental Protection Agency
HMIS – Hazardous Materials Information System
IARC – International Agency for Research on Cancer
MSHA – Mine Safety Health Administration
NDSL – Non-Domestic Substance List
NIOSH – National Institute for Occupational Safety and Health
NTP – National Toxicology Program
OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit
RCRA – Resource Conservation and Recovery Act
RTK – Right to Know
SARA – Superfund Amendments and Reauthorization Act
STEL – Short Term Exposure Limit
TLV – Threshold Limit Value
TSCA – Toxic Substances Control Act
TWA – Time Weighted Average
V – Volume
VOC – Volatile Organic Compound
WHIMIS – Workplace Hazardous Materials Information System