



MATERIAL SAFETY DATA SHEET

UV THICK WHITE GEL

1: PRODUCT AND

COMPANY IDENTIFICATION SECTION

PRODUCT NAME: INTEGRITY THICK WHITE GEL

PRODUCT CODES: INMITWG

MANUFACTURER: International Nail Manufacturers (inm)
Division of Nail Cartel, Inc.

ADDRESS: 1221 N. Lakeview Ave.
Anaheim, CA 92807

EMERGENCY PHONE: 352-323-3500 **INFOTRAK:** 1-800-535-5053 **International:** 1-

OTHER CALLS: 1-800-541-9838

FAX PHONE: 1-714-779-9971

PREPARED BY: Garret Kellenberger, Production Manager
1-714-779-9892

Chemical Identity CAS Numbers EINECS# INCI Name Exposure Limits Carcinogen %

OSHA ACGIH

TWA/STEL TWA/STEL IARC/NTP/OSHA

Polyurethane Acrylate

Oligomer

Exempt N/E Polyurethane

Acrylate Oligomer

N/E N/E Not Listed 70-80

Ethylene glycol

dimethacrylate

97-90-5 202-617-2 Glycol HEMAMethacrylate

N/E N/E Not Listed 10-20

Hydroxycyclohexyl phenyl

ketone

947-19-3 213-426-9 Hydroxycyclohexyl

phenyl ketone

N/E N/E Not Listed 1-5

Benzophenone 119 - 61 - 9 204-337-6 Benzophenone N/E N/E Not Listed 1-3

D & C Violet #2 81-48-1 201-353-5 Violet 2/CI60725 N/E N/E Not Listed 0-1

Titanium Dioxide 13463-67-7 236-675-5 Titanium Dioxide 15 mg/m3 10 mg/m3 3/no/no 0-1

N/E - None Established

N/R - Not Reviewed

N/DA - No Data Available

N/A - Not Applicable

Hazard Symbols: Xi **Risk Phrases:** R22, R36/38, R43 **Safety Phrases:** S18, S24/25, S36/37, S38

EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause chemical burn in eye.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry No specific information available.

Eye No specific information available. Contains materials that are essentially nonirritating, but contact



may cause slight transient irritation.

Skin No specific information available. Contains materials that may cause moderate skin injury (reddening and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since irritation may not occur immediately, contact can go unnoticed.

Ingestion No specific information available. Contains materials that may be practically nontoxic.

Inhalation No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be irritating.

Sub-Chronic Effects

No specific information available. Limited tests showed no evidence of teratogenicity in animals. A lifetime skin painting study with mice showed no evidence of carcinogenicity.

NOTE: Refer to Section 11, Toxicological Information for Details

First Aid for Eye Flush with plenty of water for 15 minutes and seek medical attention.

First Aid for Skin Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

First Aid for Inhalation In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing

has stopped, administer artificial respiration and seek medical attention.

First Aid for Ingestion If appreciable quantities are swallowed, seek medical attention.

MATERIAL SAFETY DATA SHEET UV THICK WHITE GEL

Flash Point(°F/°C) Flammable Limit(vol%) Auto-ignition Temperature(vol%)

> 212°F/100°C Setflash No Data No Data

Method:

Extinguishing Media: Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires.

Fire Fighting

Instructions:

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

Unusual Hazards: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can

result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

Spill or Release

Procedures

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection.

Place leaking containers in a well ventilated area. Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up.

Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC.



Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.

Handling Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

Storage Store in a cool place, away from heat and light. Store at temperatures below 100° F.

Explosion Hazard High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers.

Engineering Controls Local exhaust recommended to control exposure which may result from operations generating aerosols and hot operations generating vapors.

Personal Protective Equipment

General To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a

hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product . Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ Face Protection Chemical splash goggles.

Skin Protection Impervious gloves (Neoprene).

Respiratory Protection A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be

permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

MATERIAL SAFETY DATA SHEET

UV THICK WHITE GEL

Appearance Odor & Odor Threshold pH Specific Gravity Viscosity % Volatile

White, mobile liquid characteristic acrylate odor NA (H₂O=1) : 1.15 N/DA By Volume : < 0.5

Boiling

Point/Freezing

Point

Decomposition

Temperature

Octanol/Water

Partitioning

Coefficient

Log Po/w

**Vapor Pressure: Vapor
Density
Evaporation**



Rate

**Ignition Solubility In
Water**

(20°C)

N/A N/A N/A (mm Hg)@20° C:

< 0.01

No Data No Data No Data Insoluble

Flash Point(°F/°C) Flammable Limit(vol%) Auto-ignition Temperature(vol%)

> 212°F/100°C Setflash No Data No Data

Stability Incompatibility (Materials to Avoid):

Normally Stable Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases.

Hazardous Decomposition Products: Hazardous Polymerization:

Fumes produced when heated to decomposition may include:

carbon monoxide, carbon dioxide.

May occur -- Uncontrolled polymerization may cause rapid evolution of

Heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

Conditions to Avoid:

Storage > 100° F , exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

Acute Oral Toxicity Acute Dermal Toxicity Acute Inhalation Toxicity Irritation - skin Irritation - Eye

No information available No information available No information available No information available No information available

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the oligomers.

Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Sensitization Mutagenicity Sub-chronic Toxicity

N/DA N/DA N/DA

Ecotoxicological Information

Acute Toxicity

to Fish

Acute Toxicity

to Invertebrates

Acute Toxicity

to Algae

Bioconcentration Toxicity to Sewage Bacteria

N/DA N/DA N/DA N/DA N/DA

Chemical Fate Information

Biodegradability N/DA

Chemical Oxygen Demand N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations.

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations.
Residual vapors may



explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

MATERIAL SAFETY DATA SHEET UV THICK WHITE GEL

DOT (49 CFR 172)

Proper Shipping Name: Non-Regulated Material

Identification Number: N/A

Marine Pollutant: No

Special Provisions: N/A

Emergency Response Guidebook (ERG) #: N/A

IATA (DGR):

Proper Shipping Name: Non-Regulated Material

Class or Division: N/A

UN or ID Number: N/A

Packaging Instructions:

Emergency Response Guidance (ICAO)#:

IMO (IMDG):

Proper Shipping Name: Non-Regulated Material

Class or Division: N/A

UN or ID Number: N/A

Special Provisions & Stowage/Segregation: None

Emergency Schedule (EmS)#:

Other Information: Flash point > 100°C

US Federal Regulations

Clean Air Act: HAP/ODS This product contains the following hazardous air pollutants (HAP and ODS's), as defined by the U. S. Clean Air Act:



- Benzophenone (SOCMI Chemical)

Clean Water Act: Priority Pollutant This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.

FDA: Food Packaging Status This product has not been cleared by the FDA for use in food packaging and / or other

applications as an indirect food additive.

Occupational Safety and Health

Act

This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are:

- Immediate (acute) health hazard
- Delayed (chronic) health hazard
- Reactive hazard

RCRA This product is not considered to be a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 302 (TPQ) This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.

SARA Title III: Section 302 (RQ) This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List).

SARA Title III: Section 311-312: This product is considered hazardous under the OSHA Hazard Communication Standard

and is regulated under Section 311-312 (40 CFR 370). Its hazards are:

- Immediate (acute) health hazard
- Delayed (chronic) health hazard
- Reactive hazard

SARA Title III: Section 313: This product contains no chemicals subject to the reporting requirements of Section 313 of

Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

TSCA Section 8(b): Inventory:

TSCA Significant New Use Rule:

This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

None of the chemicals listed have a SNUR under TSCA.

MATERIAL SAFETY DATA SHEET

UV THICK WHITE GEL

State Regulations

CA Proposition 65 This product is not subject to California Proposition 65 notification requirements.

MA Right-to-Know Law: Titanium Dioxide CAS #13463-67-7.

NJ Right-to-Know Law: Titanium Dioxide CAS #13463-67-7.

PA Right-to-Know Law: Titanium Dioxide CAS #13463-67-7.

FL Right-to-Know Titanium Dioxide CAS #13463-67-7.

MN Right-to-Know Benzophenone CAS #119-61-9, Titanium Dioxide CAS #13463-67-7.

International Regulations



CDSL: Canadian Inventory

(on Canadian Transitional List)

Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS = n/da

Benzophenone CAS #11-61-9 is on the DSL list. WHMIS = n/da

Hydroxycyclohexyl phenyl ketone CAS# 947-19-3 is on the DSL list. WHMIS = n/da

Ethylene glycol dimethacrylate CAS #97-90-5 is on the DSL list. WHMIS = D2B.

EINECS: European Inventory: • HAZARD SYMBOLS: **Xi**: Irritant

• RISK PHRASES: **R22**: Harmful if swallowed, **R36/38**: Irritating to eyes and skin,

R43: May cause sensitization by skin contact.

• SAFETY PHRASES: **S18**: Handle and open container with care, **S24/25**: avoid contact with skin and eyes, **S36/37**: Wear suitable protective clothing and gloves,

S38: in case of insufficient ventilation, wear suitable respiratory equipment.

Hazard Rating System (Pictograms)

NFPA: HMIS:

1 1 1

Revised Sections since Last Version: 11/04/2004 Overall Format Update & Section 2 % update.

Revised Sections since Last Version: 03/22/2006 Overall Format Update & Section 16 update.

OSHA PEL for nuisance dust: 15 mg/m³ (total dust) 5 mg/m³ (respirable dust)

ACGIH PEL for nuisance dust: 10 mg/m³

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without

any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and

other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way

connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the

materials only as directed. If the product is used as a component of another product, the information contained within the MSDS may

not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to

INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.

1

1 1

Flammability

Reactivity Health