

Oaks International Co., Ltd

UV GEL MSDS (Material Safety Data Sheet)

1. Company Information

Company: Oaks International Co., Ltd
Address: 923 North Loop 1604 East Ste.112,
San Antonio, TX 78232
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2. Product Information

Product model: NT Base Gel
Product classification: UV curing acrylic resin adhesive
Product Application: Nail base coat

3. Composition/Information on Ingredients

INCI NAME	CAS NO.	PERCENTAGE %
POLYACRYLIC ACID	9003-1-4	60-80
2-Hydroxyethyl Methacrylate	868-77-9	10-20
HYDROXYCYCLOHEXYL PHENYL KETONE	947-19-3	1-5
TRIMETHYLBENZOYL DIPHENYLPHOSPHINE OXIDE	75980-60-8	1-5
SILICA	112945-52-5	1-5
Pigments	mixture	0-10
Pigments may contain[+/-]: (each color mixed by one or several below ingredients and Percentage for each is also different)		
CI 45380	17372-87-1	
CI 15850	5858-81-1	
CI 77491	1309-37-1	
CI 15985	2783-94-0	
CI 77492	51274-00-1	
CI 77007	12769-96-9	
CI 77510	12240-15-2	
CI 77742	10101-66-3	
CI 77289	12001-99-9	
CI 77499	12227-89-3	
CI 77891	13463-67-7	
CI 77000	7429-90-5	

4. Physicochemical Property

Physical state	clear liquid
Color	yellowish
Odor	acrylate resin
PH	6-7
Density(g/m3)	1.0-1.1

5. HAZARDS IDENTIFICATION

5.1 Emergency Overviews Physical

state:Liquid

Color: Color

Odor: light

Health: 1*

Flammability:4

Physical hazard: 1

5.2 Classification of the the substance or mixture

GHS Classification in accordance with 29 CFR 1910(OSHA HCS)

Flammable liquids(Category 4), H227

Acute toxicity, Oral(Category 4), H302

Acute toxicity, Dermal(Category 4), H312

Skin irritation(Category 2), H315

Eye irritation(Category 2), H319

Skin sensitisation(Category 1), H317

5.3 GHS Label elements, including precautionary statements

Hazard statement(s)

H227 Flammable liquid.

H302+H312 Harmful if swallowed or contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statement(s)

P235 Keep cool.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace

P280 Well protective gloves/eye protection/face protection.

P301+P312+P330 IF SWALLOWED:Call a POSION CENTER/doctor if you

feel unwell. Rinse mouth.

P302+P362+P352 IF ON SKIN: Remove/Take off contaminated clothing; Rinse skin with water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use foam, dry chemical or carbon dioxide for extinction.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container to an approved waste dispose plant

5.4 Label of WARNINGS

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT SPRAY. DO NOT HEAT. MAY CAUSE ALLERGIC SKIN REACTION. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

5.5 Personal Protection

Refer to Section 8.

6. FIRST AID MEASURES

6.1 Description of first aid measures

If inhaled

Move to fresh air. If symptoms develop and persist, get medical attention immediately.

In case of skin contact

Immediately flush skin with plenty of water(using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get medicate medical attention if symptoms.

In case of eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

If ingestion

Do not induce vomiting. Keep individual calm. Get medical attention immediately.

6.2 Most important symptoms and effects, both acute and delayed

No date available.

6.3 Indication of any immediate medical attention and special treatment needed

No date available.

7. FIRE-FIGHTING MEASURES

7.1 Extinguishing media

Use foam, dry chemical or carbon dioxide.

7.2 Unusual fire or explosion hazards

Uncontrolled polymerization may occur at high temperatures insulating in explosions or rupture of storage containers.

7.4 Hazardous combustion products

Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

7.5 Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

8. ACCIDENTAL RELEASE MEASURES

8.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. For personal protection see section 8.

8.2 Environmental precautions

Remove sources of ignition. Prevent product from entering drains or open waters.

8.3 Clean-up methods

Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

9. HANDLING AND STORAGE

9.1 Precautions for safe handling

Avoid contact with eyes, skin and clothing. Do not breathe vapor and mist wash thoroughly after handling. Do not heat or spray. Use only with adequate ventilation. Refer to Section 8. Use only in area provided with appropriate exhaust ventilation.

9.2 Conditions for safe storage

Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For safe storage, store at or below 30°C. Extreme temperature range of this product is from -20 to 80°C

Incompatible products: Refer to Section 10.

10. EXPOSURE CONTROLS/PERSONAL PROTECTION

10.1 Appropriate engineering controls

Avoid contact with skin, eye and clothing. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

10.2 Personal protective control Eye/face protection

Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

Skin protection

Use impermeable gloves (such as neoprene gloves) and protective clothing as necessary to prevent skin contact. Wash and dry hands.

Respiratory protection

Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

Control of environmental exposure

Prevent further leakage or spillage if safe to do. Remove sources of ignition. Prevent product from entering drains or open waters.

11. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

- a) Physical state: Liquid
- b) Color: Color
- c) Odor: Light
- d) pH: Not applicable
- e) Melting point/range: Not available
- f) Vapor density: Not available
- g) Water solubility: Slight
- h) Vapor pressure: Not available
- i) Boiling point/range: Greater than 93°C (200 F) j) Evaporation rate: Not available
- k) Specific gravity: 1.10
- l) Partition coefficient (n-octane/water): Not available m) Flash point: 87°C
- n) Auto-ignition temperature: Not available
- o) Upper/lower flammable limits%: Not available
- p) Upper/lower explosive limits%: Not available

12. STABILITY AND REACTIVITY

12.1 Reactivity

No data available

12.2 Chemical Stability

Stable under normal conditions of storage and use.

12.3 Possibility of Hazardous polymerization

May occur

12.4 Conditions to avoid

Heat, flames, sparks and other sources of ignition. Do not heat above 30°C.

12.5 Incompatible materials

Strong acids, strong oxidizing agents and bases.

12.6 Hazardous decomposition products

Oxides of carbon. Oxides of nitrogen. Dimethylamine. Irritating organic vapors.

13. TOXICOLOGICAL INFORMATION

Acute toxicity

No date available

Skin corrosion/irritation

No date available

Serious eye damage/eye irritation

No date available

Respiratory or skin sensitization

No date available

Germ cell mutagenicity

No date available

Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Specific target organ toxicity

No date available.

Other health effects No records.

14. ECOLOGICAL INFORMATION

No date available.

15. DISPOAL CONSIDERATIONS

Waste treatment methods Product

Dispose of according to P.R.C, province and local governmental regulations. ECE hazardous waste number: Not a RCRA hazardous waste.

Contaminated packaging

Dispose of as unused product.

16. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

P.R.C Department of Transportation Ground

Proper shipping name: Unrestricted Hazard class or division:None

Identification number: None

Packing group: None

International Air Transportation(ICAO/IATA)

Proper shipping name:Unrestricted Hazard class or division:None

Identification number: None

Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name:Unrestricted

Hazard class or division:None

Identification number: None

Packing group: None

17. REGULATORY INFORMATION

P.R.C Regulatory Information

All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

Cosmetic Regulation(EC) No1223/2009

The ingredients are legally permitted as per Cosmetic Regulation(EC) No1223/2009, and its amendments and the safety assessment has been carried out in accordance to Article 3 of this regulation.