

# Material Safety Data Sheet

MSDS REVISION DATE: Feb.26th, 2024

Report number: 20240226001

## 1. Chemical Product and Company Identification

Product name: A4N Shellac UV Gel Polish	Importeur: aktive4Nails
Product No: 170..	Importeur: Allersberger Str. 103 90461 Nürnberg
Product type: Ultraviolet Gel	Telephone: +49 911 25 300 900
Product Use: nail paint	Fax: N/A

## 2. Ingredients

Chemical Components	CAS NO.	Concentration WT%
Acrylates Copolymer	25133-97-5	55-65
Ethyl methacrylate	97-63-2	20-30
Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	3-5
1-hydroxycyclohexyl phenyl ketone	947-19-3	3-5
May include one or more of the following:		
RED 14 (CI 45430)	16423-68-0	0-3
PIGMENT BLACK 6,7 (CI 77266)	1333-86-4	0-2
PIGMENT WHITE 21, 2 (CI 77120)	7727-43-7	0-8
FOOD YELLOW (CI 19140)	1934-21-0	0-2
BLUE (CI 77510)	12240-15-2	0-2

## 3. Emergency Overview

**Physical state:** Liquid

**Color:** Colors

**Odor:** light

**Personal Protection:** See Section 8

**HEALTH:** 1\*

**FLAMMABILITY:** 2

**PHYSICAL HAZARD:** 1

**WARNING:** 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

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects

**Skin contact:** Contact skin will cause irritation.

**Eye contact:** Contact with eyes will cause irritation.

## 4. First aid measures

**Inhalation:** Remove to fresh air. If symptoms develop and persist, get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing

and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

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

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

## 5. Fire-fighting measures

**Flash point:** 105°C

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** Not available

**Flammable/Explosive limits-upper %:** Not available

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special fire fighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

## 6. Accidental release measures

**Environmental precautions:** Remove sources of ignition. Prevent product from entering drains or open waters.

**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.

## 7. Handling and storage

**Handling:** Prevent 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.

**Storage:** For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**Incompatible products:** Refer to Section 10.

## 8. Exposure Controls/Personal Protection

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**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.

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.

**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.

## 9. Physical and Chemical Properties

**Physical state:** Liquid

**Color:** Colors

**Odor:** light

**Vapor pressure:** Not available

**pH:** Not applicable

**Boiling point/range:** Greater than 93°C (200°F)

**Melting point/range:** Not available

**Specific gravity:** 1.10

**Vapor density:** Not available

**Evaporation rate:** Not available

**Solubility in water:** Slight

**Partition coefficient (n-octanol/water):** Not available

**VOC content:** Total volatiles 0.80 %

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions of storage and use.

**Hazardous polymerization:** May occur.

**Hazardous decomposition products:** Oxides of carbon. Oxides of nitrogen. Dimethylamine.

Irritating organic vapors.

**Incompatibility:** Strong acids. Strong oxidizing agents. Bases.

**Conditions to avoid:** Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).

## 11.Toxicological Information

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
Acrylates Copolymer	NO	NO	NO
Ethyl methacrylate	NO	NO	NO
Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	NO	NO	NO
1-hydroxycyclohexyl phenyl ketone	NO	NO	NO

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Acrylates Copolymer	No Records
Ethyl methacrylate	No Records
Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	No Records
1-hydroxycyclohexyl phenyl ketone	No Records

This product is free solvent. The general damage is contact stimulation; excessive or repeated contact may stimulate skin; at the first beginning and long time short distance contact may stimulate eyes. The main irritant is acrylic esters.

## 12.Ecological Information

**Ecological information:** Not available

## 13.Disposal Considerations



**Information provided is for unused product only.**

**Recommended method of disposal:** Dispose of according to P.R.C, province and local governmental regulations.

**ECE hazardous waste number:** Not a RCRA hazardous waste.

## **14.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):** Not available

**Proper shipping name:** Unrestricted

**Hazard class or division:** None

**Identification number:** None

**Packing group:** None

**Water Transportation (IMO/IMDG):** Not available

**Proper shipping name:** Unrestricted

**Hazard class or division:** None

**Identification number:** None

**Packing group:** None

**Marine pollutant:** None

## **15.Regulatory information**

**P.R.C Regulatory Information**

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

## **16.Other Information**

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