

PRODUCT NAME: BASECOAT
PRODUCT USE: NAIL GEL
DATE PREPARED: 01.02.2025

1. IDENTIFICATION OF THE COMPANY

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2. COMPOSITION

CHEMICAL CHARACTERIZATION : Liquid
QUALITATIVE : Liquid

INGREDIENTS:

Acrylates Copolymer	25-95
Hydroxypropyl Methacrylate	5-45
Dimethicone	0-1
Phosphoric Acid	0-5
Bis(Methacryloyloxyethyl) Phosphate	0-6
Ethyl Trimethylbenzoyl Phenylphosphinate	1-15
Isobornyl Acrylate	1-25
Dimethylacrylamide	1-10
Hydroxycyclohexyl Phenyl Ketone	1-3
Cellulose Acetate Butyrate	0-1
Polyethylene terephthalate	0-4
Mica	0-4
CI 77163	0-4
CI 77891	0-1
CI 77492	0-1
CI 77491	0-1
CI 77266	0-1
CI 73360	0-1

3. HAZARDS IDENTIFICATION

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

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.

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 PREVENTION AND 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: transparent

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	IARC	COSHA
Acrylates Copolymer	NO	NO	NO
Hydroxypropyl Methacrylate	NO	NO	NO
Dimethicone	NO	NO	NO
Phosphoric Acid	NO	NO	NO
Bis(Methacryloyloxyethyl) Phosphate	NO	NO	NO
Ethyl Trimethylbenzoyl Phenylphosphinate	NO	NO	NO
Isobornyl Acrylate	NO	NO	NO
Dimethylacrylamide	NO	NO	NO
Hydroxycyclohexyl Phenyl Ketone	NO	NO	NO
Cellulose Acetate Butyrate	NO	NO	NO
Polyethylene terephthalate	NO	NO	NO
Mica	NO	NO	NO

CI 77163	NO	NO	NO
CI 77891	NO	NO	NO
CI 77492	NO	NO	NO
CI 77491	NO	NO	NO
CI 77266	NO	NO	NO
CI 73360	NO	NO	NO
CI 77007	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Acrylates Copolymer	No Records
Hydroxypropyl Methacrylate	No Records
Dimethicone	No Records
Phosphoric Acid	No Records
Bis(Methacryloyloxyethyl) Phosphate	No Records
Ethyl Trimethylbenzoyl Phenylphosphinate	No Records
Isobornyl Acrylate	No Records
Dimethylacrylamide	No Records
Hydroxycyclohexyl Phenyl Ketone	No Records
Cellulose Acetate Butyrate	No Records
Polyethylene terephthalate	No Records
Mica	No Records
CI 77163	No Records
CI 77891	No Records
CI 77492	No Records
CI 77491	No Records
CI 77266	No Records
CI 73360	No Records
CI 77007	No Records

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. REGULATORY INFORMATION

DESIGNATION ACCORDING TO EC GUIDE LINES.

15. TRANSPORT INFORMATION

NOT AVAILABLE

16. OTHER INFORMATION

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