

Safety Data Sheet
According to Hazard Communication Standard (29 CFR 1910.1200)

Activitor

Issue date: 05/01/2022

Version 2.0

Revision date: 05/01/2022

1. Identification

Product name	Activitor
Synonyms	-
CAS #	See section 3
Product code	-
Product use	Nail-painting.
Manufacturer/Supplier	
Supplier(Manufacturer):	ANHUI MINGRUI SYNTHETIC MATERIALS CO., LTD
Address:	West Zhongning Road, Mingguang City, Anhui Pro.,
Contact person(E-mail):	wuhux@163.com
Fax:	+86-550-8949001
Emergency telephone Number:	+86-18796839320

2. Hazard(s) identification

GHS classification

Physical hazards	Not classified	
Health hazards	Skin corrosion/irritation	Category 2
	Skin sensitization	Category 1
	Serious eye damage/eye irritation	Category 2A
	Specific target organ toxicity after single exposure	Category 3
	specific target organ toxicity after repeated exposure	Category 2
Environmental hazards	Not classified	

GHS label elements

Hazard Pictograms

Signal word

Warning

Hazard statement

Causes skin irritation.
May cause an allergic skin reaction. Causes serious eye irritation.
May cause respiratory irritation.

Precautionary statement

Prevention

Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.

Response
 Wear protective gloves/eye protection/face protection.
 If on skin: Wash with plenty of water.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center /doctor if you feel unwell.
 Get medical advice/ attention if you feel unwell.
 If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Storage
 Store in a well-ventilated place. Keep container tightly closed.
 Store locked up.

Disposal
 Dispose of contents/container in corroding with local regulation.

3. Composition / information on ingredients

Components (INCI Name)	CAS#	Percent
ETHYL ACETATE	141-78-6	40-50
BUTYL ACETATE	123-86-4	40-50
QUATERNIUM-14	27103-90-8	0-2

4. First-aid Measures

First aid procedures

Eye contact
 Remove contact lenses. Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Skin contact
 Wash thoroughly using copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

Inhalation
 Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.

Ingestion
 Rinse the mouth thoroughly with water. Give copious water to drink - consult doctor immediately.

Notes to physician
 Treat symptoms.

5. Fire-fighting measures

Flammable properties

Not available.

Extinguishing media

Suitable extinguishing media

Adapt to the nature and extent of fire. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

Not available.

Firefighting equipment/instructions

Wear self contained breathing apparatus for fire-fighting if necessary.

Hazardous combustion products

Oxides of carbon.

6. Accidental release measures

Personal precautions

Use personal protective equipment. Avoid breathing vapors. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental precautions

If leakage occurs, dam up. Resolve leaks if this possible without risk. Prevent from entering drainage system. Inform the competent authorities when water or canalization has been infiltrated.

Methods for cleaning up

Keep in suitable, closed containers for disposal. Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13. Flush residue using copious water. Clean soiled bottles immediately.

7. Handling and storage

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

Storage

Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls / personal protection

Control parameters:

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA:

Source	Ingredient	TWA	STEL	Peak	Notes
US OSHA Permissible Exposure Levels (PELs) - Table Z1	ETHYL ACETATE	Not Available	Not Available	Not Available	Not Available
US ACGIH Threshold Limit Values (TLV)	BUTYL ACETATE	Not Available	Not Available	Not Available	TLV® Basis: Bronchitis
US OSHA Permissible Exposure Levels (PELs) - Table Z1	QUATERNIUM-14	Not Available	Not Available	Not Available	Total dust

EMERGENCY LIMITS:

Ingredient	TEEL-1	TEEL-2	TEEL-3
ETHYL ACETATE	60mg/m ³	660 mg/m ³	4000 mg/m ³
BUTYL ACETATE	0.71mg/m ³	7.8mg/m ³	1000 mg/m ³

Ingredient	Original IDLH	Revised IDLH
ETHYL ACETATE	Not Available	Not Available
BUTYL ACETATE	Not Available	Not Available

Exposure controls:

Appropriate engineering controls: Use in a well-ventilated area.

Individual protection measures, such as personal protective equipment:**Eye / face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments). Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the

Respiratory protection

For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate

General hygiene considerations

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

9. Physical and chemical properties**Appearance****Physical state**

Colloid

Form

Colloid

Color

Colorless transparent

Odor

Slight

Odor threshold

Not available

pH

Not available

Vapor pressure

Not available

Melting point/Freezing point

Not available

initial boiling point and boiling range

200 °C (392 °F)

Flash point	> 200°C seta flash
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Explosion limits	Not available
Vapor density	Not available
Density	1.31g/ml at 25°C (77°F)
Solubility (water)	Not available
Partition coefficient	log Pow= 4.52
Auto-ignition temperature	375 °C
Decomposition temperature	Not available

Specific gravity Not available
 Density 0.65 g/ml at 25 °C (77 °F)
 Flammability limits in air, upper, %by Not available
 Flammability limits in air, lower, % by Not available
 VOC Not available
 Percent volatile Not available

Other data

Viscosity > 7.5 < 9.5 cPs

10. Stability and reactivity

Chemical stability Material is stable under normal conditions.
 Conditions to avoid Incompatible materials. Strong heat.
 Incompatible materials Avoid contact with oxidizing agents.
 Hazardous decomposition products Oxides of carbon.
 Possibility of hazardous reactions No decomposition when used as directed.

11. Toxicological information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

Information on toxicological effects:

Acute toxicity:

ETHYL ACETATE

LD50(Oral, Rat): >5000 mg/kg bw
 LD50(Dermal, Rabbit): > 5000 mg/kg bw
 LC50(Inhalation, Rat): Not available
 Skin corrosion/Irritation: Causes skin irritation.
 Serious eye damage/irritation: Causes serious eye irritation.
 Respiratory or skin sensitization: May cause an allergic skin reaction.
 Germ cell mutagenicity: Not classified
 Carcinogenicity: Not classified
 Reproductive toxicity: Not classified
 STOT- single exposure: May cause respiratory irritation.
 STOT-repeated exposure: May cause damage to organs through prolonged or repeated exposure.
 Aspiration hazard: Not classified

12. Ecological information

Toxicity:

ETHYL ACETATE

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	0.904 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	
EC50	5.8 mg/L	72h	Algae	OECD 201	N/A	

Persistence and degradability: Not available.
 Bioaccumulative potential: Not available.

Mobility in soil: Not available.
Results of PBT&vPvB assessment: Not available.
Other adverse effects: No known significant effects or critical hazards.

13. Disposal considerations

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after ntainer is emptied.

14. Transport information

DOT

Basic shipping requirements:

UN number Not regulated
Proper shipping name Not regulated
Hazard class Not regulated
Packing group Not regulated
Environmental hazards No

IATA

UN number Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) Not regulated
Packing group Not regulated
Environmental hazards No

IMDG

UN number Not regulated
UN proper shipping name Not regulated
Transport hazard class(es) Not regulated
Packing group Not regulated
Environmental hazards No

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

ETHYL ACETATE	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.
BUTYL ACETATE	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List. "US Toxic Substances Control Act (TSCA) - Premanufacture Notice (PMN) Chemicals" List.
QUATERNIUM-14	"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory" List.

16. Other information, including date of preparation or last revision

HMIS® ratings

Health: 2
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 1
Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

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