Safety Data Sheet（SDS）

1K Adhesion Promoter - GreyPlasticPrimer

Version: 1.0
Creation Date: 2021.7.23
Revised Date: 2021.7.23
***According to standard of GB/T 17519 and GB/T 16483.**

华涂化工 Huatu Chemical

1 Identification of the chemical and supplier

Product identifier

Product Code	F637112002014
Chinese name of the product	单组分附着力促进剂 - 灰色塑料底漆
English name of the product	1K Adhesion Promoter - Grey Plastic Primer
Product type	Liquid coatings

Product Recommendations and Restricted Use

Recommended use of the product	Coatings for professional use
Restricted use of the product	For industrial use by trained professionals only. Not for sale to or use by consumers

Safety data sheet provider information

Name of the company	Huatu Chemical (Jilin) Co., Ltd
Address of the company	Jiuxi Road, Economic Development Zone, Jilin City
Post code	132101
Telephone	0432-65130906
Emile	msds@huatu-chem.com

Emergency telephone number

Emergency telephone number	00 86 532 83889090

2 Hazards identification

Overview of emergencies

A mixture of solvents and specialty additives。
Shape: Liquid
Color: Gray
Flammable liquids and vapours，Vapors may form explosive mixtures with air ，Eliminate all sources of ignition，Solvent vapor is heavier than air and therefore diffuses to the ground，Do not allow fire water to flow into sewers and rivers，Do not use pressure to empty the container，The vessel is not a pressure vessel. Store in a container of the same material as the original

GHS Hazard category

Flammable liquid	category 3
Corrosive irritation of the	category 2

skin	
Severe eye damage/eye irritation	category 1
Skin irritation	category 1
Specific target organ toxicity (single exposure)	category 3
Specific target organ toxicity (repeated exposure)	category 2
Acute aquatic toxicity	category 3

GHS Label elements

Hazard pictogram	
Signal word	danger

Hazard Statement

H226	Flammable liquid and vapour
H313	Skin contact can be harmful
H315	Can irritate the skin
H317	May cause an allergic skin reaction
H319	Can seriously hurt the eyes
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause lethargy or dizziness
H351	Suspected carcinogenicity
H361	Suspected harm to fertility or the fetus
H370	Damage to organs (central nervous system, respiratory system, liver, kidneys, blood system)
H372	Long-term or repeated exposure can cause damage to organs (nervous system, respiratory system)
H373	Prolonged or repeated exposure may cause damage to organs (auditory system, kidneys, blood)
H401	Harmful to aquatic life
H412	Harmful to aquatic organisms and has long-term lasting effects

Precautionary notes

◆ Precautions

P203	Obtain, read and follow all safety instructions before use
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233	Keep container tightly closed

P240	Ground/equipotential connection between container and receiving device
P241	Use explosion-proof electrical/ventilation/lighting equipment
P242	Use only tools that do not produce sparks
P243	Take precautionary measures against static discharge
P260	Do not inhale dust/smoke/gas/fumes/vapors/sprays
P270	When using do not eat, drink or smoke
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothes are not allowed to be taken out of the workplace
P273	Avoid releasing into the environment
P280	Wear protective gloves/protective clothing/eye protection/face protection
P264+P265	Wash your hands thoroughly after work and do not touch your eyes

◆ Incident response

P317	Get medical help
P363	Wash contaminated clothing before reuse
P304+P340	If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P332+P313	If skin irritation occurs: seek medical attention/medical attention
P337+P313	If you still feel eye irritation: seek medical attention/medical attention
P301+P330+P331	In case of swallowing: gargle. Must not induce vomiting
P303+P361+P353	If skin (or hair) is contaminated: Remove/remove all contaminated clothing immediately. Wash skin/shower with water
P305+P351+P338	In case of getting in eyes: Rinse carefully with water for a few minutes. If you wear contact lenses and can be easily removed, remove contact lenses. Continue rinsing

Secure storage

P405	The storage area must be locked。
P403+P235+P233	Store in a well-ventilated place. Keep it cold. Keep container tightly closed。

◆ Disposal of waste

P501	Dispose of contents/containers in accordance with local/regional/national/international regulations。

Hazard description

Physical and chemical hazards

	Flammable liquids and vapours. Vapors may form explosive mixtures with air. Eliminate all sources of ignition. Solvent vapor is heavier than air and therefore diffuses to the ground. Do not allow fire water to flow into sewers and rivers. Do not use pressure to empty the container. The vessel is not a pressure vessel. Store in a container of the same material as the original. Keep away from oxidants, strong bases and strong acids to prevent exothermic reactions. This product is chemically stable

Health hazards

	Ingestion may cause nausea, diarrhea, vomiting, gastrointestinal irritation and chemical pneumonia. Exposure to solvent vapors exceeding the described occupational exposure limit concentrations may result in adverse health effects such as irritation to the mucosa and respiratory system, as well as adverse effects on the kidneys, liver, and central nervous system. Symptoms and signs include headache and fatigue absorbed through the skin, and solvents may cause the effects described above. Repeated multiple or prolonged exposures can lead to skin degreasing leading to non-allergic contact dermatitis, which is absorbed through the skin

Environmental hazards

3 Composition/information on ingredients

	This mixture does not contain persistent, bioaccumulative and toxic substances (PBT). This mixture does not contain substances with high persistence and bioaccumulative properties (vPvB)

Ingredient	Cas No.	Concentration (%)	Whether it meets
Xylene	1330-20-7	40 - 70% by weight	✓
Solvent naphtha (petroleum)	64742-94-5	10 – 15 % by weight	✓
Solvent naphtha (petroleum)	64742-95-6	10 - 15 % by weight	✓
Ethylbenzene	100-41-4	10 – 15% by weight	✓
Alykd Resin	/	5 - 15 % by weight	✓

4 First aid measures

Description of first aid measures

inhale	Prevents inhalation of vapors and fumes. If you inhale vapor, move to fresh air. If breathing is irregular or stops, work breathing is given. If unconscious, put the patient in a recovery position and seek medical attention. If symptoms persist, seek medical attention。 May cause nose and throat irritation. May cause neurological weakness, typical progression steps are as follows. Headache, dizziness, nausea, faltering gait, confusion, unconsciousness. Permanent brain and nervous system damage is associated with repeated and prolonged overexposure to solvents。
In case of eye contact	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist。
In case of skin contact	After contact with skin, take off immediately all contaminated clothing, and

	wash immediately with plenty of water and soap. Do not use solvents or thinners。If skin irritation persists, consult a doctor。
Ingestion	In case of swallowing: gargle. Must not induce vomiting. Never feed anything from the mouth of an unconscious person. Call a doctor or poison control center immediately。This may result in gastrointestinal discomfort。
Skin or eye contact.	May cause eye irritation or burns. Repeated or prolonged exposure to fluids may cause skin irritation, along with discomfort and dermatitis。

Advice for protecting the rescuer

1	Remove all sources of ignition and increase ventilation。
2	Avoid contact with skin and eyes。
3	Avoid breathing vapours。
4	Use personal protective equipment including respirator。

Special note to the doctor

1	Treat symptomatically。
2	Symptoms may be delayed。

5 Firefighting measures

Extinguishing method and media

Suitable extinguishing media	Dry chemical, CO2, water spray or alcohol-resistant foam。
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter or spread fire。

Hazard characteristics

1	Will form explosive mixtures with air。
2	Fire exposed containers may vent contents through pressure relief valves thereby increasing fire intensity and/ or vapour concentration。
3	Vapours may travel to source of ignition and flash back。
4	Liquid and vapour are flammable。
5	May emit poisonous fumes on fire。
6	ontainers may explode when heated。
7	Containers exposed to fire may leak contents through pressure relief valves。
8	May expansion or decompose explosively when heated or involved in fire。

Fire precautions and measures

1	As in any fire, wear self-contained breathing apparatus（MSHA/NIOSH approved or equivalent) and full protective gear。
2	Fight fire from a safe distance, with adequate cover。
3	Prevent fire extinguishing water from contaminating surface water or the ground water system。

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

1	Avoid breathing vapours and contacting with skin and eye。
2	Beware of vapours accumulating to form explosive concentrations。
3	Steam can accumulate in low-lying areas。
4	It is recommended that emergency personnel wear positive pressure self-contained breathing apparatus, anti-virus and anti-static clothing, and chemical anti-penetration gloves。
5	Ensure adequate ventilation. Clear all ignition sources。
6	Use personal protective equipment. Avoid breathing vapours, mist, gas or dust。
7	Quickly evacuate personnel to a safe area, away from the leak area and in an upwind direction

Environmental precautions

1	Prevent further leakage or spillage if safe to do so。
2	Discharge into the environment must be avoided。

Methods and materials for containment and cleaning up

1	When a small amount of leakage, dry sand or inert adsorption material can be used to absorb the leakage, and a large amount of leakage needs to be controlled by embankment。
2	Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations。
3	Collect the absorbed substances with clean, non-spark-producing tools。
4	Remove all ignition sources and employ anti-spark tools and vandal equipment

7 Handling and storage

Precautions for handling

1	Do not breathe vapours。
2	Use only spark proof tools。
3	To prevent vapor ignition caused by electrostatic discharge, all metal parts of the equipment should be grounded。
4	Operate in a well-ventilated area。
5	Wear appropriate personal protective equipment。
6	Avoid contact with skin。
7	Keep away from heat sources, sparks, open flames and hot surfaces。
8	Take measures to prevent the accumulation of static electricity。
9	Only use the material in places where open light, fire and other flammable sources can be kept away。
10	When using do not eat, drink or smoke。
11	Use explosion-proof equipment

Precautions for storage

1	Keep container tightly closed。
2	Always keep in containers that correspond to the material of the original containe。
3	Keep in a well-ventilated place。
4	Protect from heat and direct sunlight。
5	Keep away from heat sources, sparks, open flames and hot surfaces。
6	Keep away from strongly acidic and alkaline materials as well as oxidizers。

7	Do not empty containers with pressure - no pressure vessel!
8	Smoking is forbidden。
9	Access only for authorised persons。
10	Store carefully closed containers upright to prevent any leaks。

8 Exposure controls/personal protection

Control parameters

Occupational Exposure limit values

COMPONENT	STANDARD	TYPE	STANDARD VALUE
Xylene	GBZ 2.1	TWA	50 mg/m3
	GBZ 2.1		
	ACGIH	STEL	100 mg/m3
	ACGIH	STEL	150 ppm
		TWA	100 ppm
Ethylbenzene	GBZ 2.1	TWA	100 mg/m3
	GBZ 2.1	STEL	150 mg/m3
	ACGIH	TWA	20 ppm

Biological limit values

Biological limit values	No information available

Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents。
2	GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air（Series standard）。

Engineering controls

1	Ensure adequate ventilation, especially in confined areas
2	Ensure that eyewash stations and safety showers are close to the workstation location
3	Use explosion-proof electrical appliances, ventilation, lighting and other equipment
4	Set up emergency evacuation channels and necessary evacuation areas

Personal protective equipment

Total requirements	
Eye protection	Wear chemical goggles (approved by EN 166(EU) or NIOSH (US)。
Hand protection	Wear protective gloves（such as butyl rubber），passing the tests according to EN 374(EU), US F739 or AS/NZS 2161.1 standard。

Respiratory protection	If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges。
Skin and body protection	Wear fire/flame resistant/retardant clothing and antistatic boots。

9 Physical and chemical properties

appearance	Grey liquid
smell	No information available
Odor critical value	No information available
pH	not applicable
Melting point/freezing point (℃)	not applicable
Boiling point (℃)	138-3000℃（280.4-5432°F）
flash point (℃)	24℃（75.2°F）
Evaporation rate	not applicable
Upper / lower explosion limit [%(v/v)]	0.6%/6.6%
Vapor pressure(kPa)	0.51（3.8mm Hg）
Vapor density(air=1)	not applicable
density(g/cm3)	0.979 g/cm3 DIN 53217/ISO 2811
solubility(mg/L)	Very slightly dissolved: cold water
Auto-ignition temperature (℃)	220℃（428°F） DIN 51794
Decomposes the temperature (℃)	not applicable
viscosity	Dynamic: 147mPa·s(147 cP) /Kinematic: 150mm²/s(150 cSt)

10 Stability and reactivity

Reactivity	steady
Chemical stability	steady
Possibility of dangerous reactions	As mentioned above, this product is stable. No further chemical reactions were found
Conditions to avoid	Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7
Incompatible materials	Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions
Hazardous decomposition products	Hazardous decomposition byproducts may form with exposure to high temperatures. carbon dioxide 、carbon monoxide、nitrogen oxides

11 Toxicological information

Acute toxicity

COMPONENT	Cas No.	LD_{50}(ORAL)	LD_{50}(DERMAL)	LC_{50}(INHALATION)-4H
Solvent naphtha (petroleum)	64742-95-6	8400 mg/kg(Rats)	not applicable	not applicable
Xylene	1330-20-7	not applicable	> 1,700 mg/kg （rabbit）	5,000 ppm （Rats）
Ethylbenzene	100-41-4	not applicable	not applicable	4,000 ppm （Rats）

Other information

WB Flush Thinner	
Skin irritation/corrosion	Xylene category 2/ Ethylbenzene category 2
Eye irritation/corrosion	May cause irritation of the ocular mucosa
Skin sensitization	Xylene category 2A/ Ethylbenzene category 1
Respiratory sensitization	This product is not classified
Reproductive toxicity	This product is not classified
Specific target organ system toxicity - single exposure	No data available
Specific target organ system toxicity-relapse contact	No data available
Aspiration hazard	This product is not classified
Toxicity values	No data available

12 Ecological information

Acute aquatic toxicity

COMPONENT	Cas No.	Fish	Crustaceans	Algae/aquatic plants
Ethylbenzene	100-41-4	category 2	category 2	category 2

Chroniv aquqtic toxicity

Chronic aquatic toxicity	There are no data available on the preparation/mixture itself

Other information

Persistence and degradability	There are no data available on the preparation/mixture itself
Bioaccumulative potential	There are no data available on the preparation/mixture itself
Mobility in soil	There are no data available on the preparation/mixture itself
Other deleterious effect	There are no data available on the preparation/mixture itself

13 Disposal considerations

Waste treatment methods

Waste chemicals	Dispose of contents/containers in accordance with local/regional/national/international regulations。
Contamination of packaging	Emptied containers should be sent to an approved waste disposal site for recycling or disposal. If recycling is not feasible, dispose of it in accordance with local regulations。
Deprecation considerations	Completely remove contaminated packaging materials and reuse them after proper cleaning. Contaminated packaging is like a substance The material is treated as well。
Waste nature	Pigments and paints

14 Transport information

Packaging markings

Packaging markings	

Maritime hazard regulations

UN Dangerous Goods Number (UN No.)	1263
UN correct shipping name	coatings
Transportation of major hazard categories	3
Transportation of secondary hazard categories	not applicable
Packaging category	Ⅲ
Special regulations for transportation	not applicable
Limited number	not applicable
Number of exceptions	not applicable
Marine pollutants (Yes/No)	NO
EmS No.	F-E,S-E

Air transport (ICAO/IATA-DG)

UN Dangerous Goods Number (UN No.)	1263
UN correct shipping name	coatings
Transportation of major hazard categories	3
Transportation of secondary hazard	not applicable

categories	
Packaging category	Ⅲ
Number of exceptions	not applicable
Passenger and freight limited quantity packaging refers to guide	not applicable
Passenger and freight transport notes of limited quantity Maximum net weight of pieces	not applicable
Passenger and freight packaging guidelines	not applicable
Maximum net weight per unit for passenger and freight transportation	not applicable
Freight Packing Guide	not applicable
Maximum net weight per shipment	not applicable
Special regulations for transportation	not applicable
ERG code	not applicable

Land transport（UN-ADR)

UN Dangerous Goods Number（UN No.)	1263
UN correct shipping name	Materials related to coatings
Transportation of major hazard categories	3
Transportation of secondary hazard categories	not applicable
Packaging category	Ⅲ
Special regulations for transportation	not applicable
Limited number	not applicable
Number of exceptions	not applicable

Other information

Methods of packing	Plastic or metal drums (with epoxy lining). Pack according to the manufacturer's recommended method.。
Precautions for transport	Transit should be anti-exposure, rain, high temperature。Transport vehicles should be equipped with the appropriate variety and quantity of fire equipment and emergency equipment leakage during transport。Before transport, should be preceded by checking whether container integrity, sealing。The transport unit must be placarded and marked in accordance with relevant transporting requirements。

15 Regulatory information

International Chemicals Inventory

COMPONENT	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS
1K ADHESION Promoter	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

* There are no data available on the preparation/mixture itself。

【EINECS】 List of existing chemical substances in Europe
【TSCA】 U.S. TSCA list of chemical substances
【DSL】 Canada's Domestic List of Chemical Substances
【IECSC】 List of existing chemical substances in China
【NZIoC】 New Zealand's current interim list of chemical substances
【PICCS】 List of Chemicals and Chemical Substances in the Philippines
【KECI】 List of existing chemical substances in Korea
【AICS】 Australia's list of available chemical substances

China Chemical Management Directory

COMPONENT	A	B	C	D	E	F	G	H	I
1K ADHESION Promoter	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

*There are no data available on the preparation/mixture itself。

【A】 Catalog of Hazardous Chemicals(2015 Edition), Notice 5th 2015, China State Administration of Work Safety
【B】 Catalog of Priority Hazardous Chemicals for Environment Management, Notice 33th 2014, Ministry of Environmental Protection of PRC
【C】 List of Toxic Chemicals Restricted to be Imported/Exported in China, Notice 85th 2013, Ministry of Environmental Protection of PRC
【D】 Catalog of Stupefacient and Psychotropic Substances(2013Edition), Notice 230th 2013, China Food and Drug Administration
【E】 Catalog of Hazardous Chemicals for Priority Management（First and Second batches）, Notice 95th, 2011, Notice 12th 2013, China State Administration of Work Safety
【F】 List of Ozone Depletion Chemicals Controlled to be Imported/Exported in China（First to Sixth batches）, Notice from 2000 to 2012 Ministry of Environmental Protection of PRC
【G】 Dangerous Chemicals Directory Used to Manufacure Exploder(2011 Edition), Notice 25th Nov. 2011, Ministry of Public Security of PRC1
【H】 Catalog of Highly Toxic Chemicals, Notice 142th 2003, China Ministry of Health
【Ⅰ】Appendix A of the National List of Hazardous Wastes, Order No. 1 of 2008 of the Ministry of Environmental Protection

16 Other information

Revision information

Date of preparation	2023/03/24
Revision date	2023/03/24

Reason for revision	update

Reference

【1】IPCS: The International Chemical Safety Cards (ICSC) ,website:http://www.ilo.org/dyn/icsc/showcard.home
【2】IARC，website：http://www.iarc.fr/
【3】OECD: The Global Portal to Information on Chemical Substances, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
【4】CAMEO Chemicals, website：http://cameochemicals.noaa.gov/search/simple.
【5】NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp.
【6】EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/.
【7】U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg.
【8】Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/.
【9】Chemical Grade Center, Ministry of Emergency Management, China，website: http://www.nrcc.com.cn/。

Abbreviations and acronyms

CAS –Chemical Abstracts Service	**CMR** - Carcinogens mutagens or substances toxic to reproduction
PC-STEL- Short term exposure limit	**PC-TWA** - Time Weighted Average
DNEL - Derived No Effect Level	**IARC** - International Agency for Research on Cancer
RPE - Respiratory Protective Equipment	**PNEC** –Predicted No Effect Concentration
LC_{50} - Lethal Concentration 50%	**LD_{50}** - Lethal Dose 50%
NOEC -No Observed Effect Concentration	**EC_{50}** - Effective Concentration 50%
PBT - Persistent, Bioaccumulative, Toxic	**POW** - Partition coefficient Octanol:Water
BCF - Bioconcentration factor (BCF)	**vPvB** - very Persistent, very Bioaccumulative
IMDG-International Maritime Dangerous Goods	**ICAO/IATA**-International Civil Aviation Organization/International AirTransportation Association
UN-The United Nations	**ACGIH**-American Conference of Governmental Industrial Hygienists
NFPA-National Fire Protection Association	**OECD**-Organization for Economic Co operation and Development

Relevant H-phrases

H225	Highly flammable liquid and vapour
H370	Causes damage to organs
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin

H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces.-No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves/protective clothing/eye protection/face protection

Incident response

P301	If swallowed
P302	If on skin
P303	If on skin (or hair)
P304	If inhaled
P305	If in eyes
P308	If exposed or concerned:
P310	Immediately call a POISON CENTER or

	doctor/physician
P312	Call a POISON CENTER or doctor/physician i f you feel unwell。
P330	Rinse mouth
P331	Do not induce vomiting
P332	If skin irritation occurs
P338	Remove contact lenses, if present and easy t o do. Continue rinsing
P340	Remove victim to fresh air and keep at rest i n a position comfortable for breathing
P351	Rinse cautiously with water for several minu tes
P352	Wash with plenty of soap and water
P360	Rinse immediately contaminated clothing a nd skin with plenty of water before removing clothe s
P361	Remove/Take off immediately all contamina ted clothing
P363	Wash contaminated clothing before reuse
P370	In case of fire
P372	Explosion risk in case of fire
P378	Use … for extinction
P301+P310	If swallowed: Immediately call a POISON CE NTER or doctor/physician
P302+P352	If on skin: Wash with plenty of soap and wat er
P304+P340	If inhaled: Remove victim to fresh air and ke ep at rest in a position comfortable for brea thing
P306+P360	If on clothing: Rinse immediately contamina ted clothing and skin with plenty of water befor e removing clothes
P308+P311	IF exposed: Call a POISON CENTER or doctor/physician
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	If on skin (or hair): Remove/Take off immedi ately all contaminated clothing. Rinse skin w ith water/shower
P305+P351+P338	If in eyes: Rinse cautiously with water for se veral minutes. Remove contact lenses, if pre sent and easy to do. Continue rinsing

Secure storage

P402	Store in a dry place
P403	Store in a well-ventilated place
P404	Store in a closed container
P410	Protect from sunlight
P403+P233	Store in a well-

	ventilated place. Keep container tightly closed

Disposal of waste

P501	Dispose of contents/containers in accordance with local/regional/national/international regulations。

Disclaimer

This Safety Data Sheet (SDS) was prepared according to GB/T16483 and GB/T17519. The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user’ s reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product。