

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Revision:2020-01-01 According to EEC91/155 Version 3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

•Product identifier:Aluminum paste •Trade name:S12267A

•Relevant identified uses of the substance or mixture and uses advised against This information is not available.

·Application of the substance/the preparation: Pigment

 Manufacturer Name:Sunflower Group
 Manufacturer factory address:Xinhua Industrial Park,Huadu District,Guangzhou,China
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SECTION 2:Hazards identification

•GHS Classification •Classification according to the sixth revision of GHS Hazard category:Flammable solids,class 2. The label element

·Pictogram:



Warning words:Warning
Hazard description:Flammable solid
Preventive measures:
Keep away from heat/spark/flame/hot surface.- no smoking.
Keep the container closed.

Avoid releasing into the environment.



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Incident response:

In case of fire, foam and dry sand are used especially for powder fire. Collect the leakage and prohibit the entry into the environment.

Safe storage:

Store in an airtight container in a well-ventilated place.

SECTION 3:Composition/information on ingredients

·Mixture

•Description:Mixture of substances listed below with nonhazardous additions.

Material Name	CAS No.	Proportion
Aluminum (stabilized)	7429-90-5	50%—70%
Solvent naphtha(petroleum) Light arom	64742-94-5	29.5%-49%
Stearic acid	57-11-4	0.5%~1%

SECTION 4:First aid measures

Description of first aid measures

General advice	Move the victim to fresh air. Do not leave the victim unattended. Move out of dangerous area.
	Show this safety data sheet to the doctor in attendance.
If inhaled	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	Wash off immediately with soap and plenty of water.

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	If skin irritation persists, call a physician.	
	If on skin, rinse well with water.	
	If on clothes, remove clothes.	
In case of eye contact	Immediately flush eye(s) with plenty of wate	r.
	Immediately flush eye(s) with plenty of wate	r.
	Remove contact lenses.	
	Keep eye wide open while rinsing.	
	If eye irritation persists, consult a specialist.	
If swallowed	Keep respiratory tract clear.	
	Do not give milk or alcoholic beverages.	
	Never give anything by mouth to an unconsc	ious person.
	If symptoms persist, call a physician.	

Most important symptoms and effects, both acute and delayed.

This information is not available.

Indication of any immediate medical attention and special treatment needed. This information is not available.

SECTION 5:Firefighting measures

•Extinguishing media:
Special powder for metal fires.Do not use water.
·Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Remove persons from danger area.
Avoid formation of dust.
•For safety reasons unsuitable extinguishing agents:
Water
Carbon dioxide
•Special danger:No further relevant information available.

SECTION 6:Accidental release measures

Personal precautions, protective equipment and emergency procedures



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Personal precautions:	Evacuate personnel to safe areas.	
	Use personal protective equipment.	
	Remove all sources of ignition.	
	Use personal protective equipment.	
	Avoid dust formation.	
Environmental preca	utions	
Environmental precau	Itions:Prevent further leakage or spillage if If the product contaminates rivers and inform respective authorities.	
	ls for containment and cleaning up	
Methods for cleaning	up:Use mechanical handling equipment.	
	Soak up with inert absorbent material (e	-
	gel,acid binder,universal binder,sawdust	.).
	Do not flush with water.	
	Keep in suitable, closed containers for dis	sposal.

SECTION 7:Handing and storage

Precautions for safe handling

Advice on safe handling:

Keep away from heat and sources of ignition. Avoid dust formation. Ensure adequate ventilation.

Avoid formation of respirable particles.Do not breathe vapours/dust.Avoid contact with skin and eyes.For personal protection see section 8.Smoking, eating and drinking should be prohibited in the application area.Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Keep away from open flames,hot surfaces and sources of ignition.Earthing of containers and apparatuses is essential. Avoid dust formation.

Hygiene measures:



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When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in original container.Keep containers tightly closed in a cool,well-ventilated place.Keep container closed when not in use.Keep away from sources of ignition - No smoking.

Keep container tightly closed in a dry and well-ventilated place.Observe label precautions.Electrical installations/working materials must comply with the technological safety standards.

Further information on storage conditions:

Protect from humidity and water.Do not allow to dry.

Advice on common storage:

Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage.Keep away from oxidizing agents,strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Other data:No decomposition if stored and applied as directed.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data.
Control parameters : No further data.
Additional information: No further data.

Personal protective equipment

Eye protection: Wear face-shield and protective suit for abnormal processing problems.



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Hand protection Material:Solvent-resistant gloves

Remarks:

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The exact break through time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection.

Skin should be washed after contact.

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection:

Long sleeved clothing

Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection:

Use suitable breathing protection if workplace concentration requires.

Environmental exposure controls

General advice:

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform respective authorities.

Water:

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9:Physical and chemical properties



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General descriptions		
The appearance		
Form states	Pulp	
Color	Silver	
Smell	Special smell	
Morphological change conditions		
Melting point/melting range	660 ℃	
Boiling point/boiling range (solids	s) 2056 °C	
Boiling point/boiling range (liquid	l) 180-220 °C	
Flash	About 62 $^\circ\!\!C$	
Spontaneous combustion	The product was not spontaned	ous combustion
Explosion risk	The product and there is no ris	k of explosion
Explosive limit		
Floor	0.6 Vo1 %	
Сар	7.0 Vo1 %	
Solubility		
Water	insoluble	
Saturated vapor pressure	< 10 kpa	

SECTION 10:Stability and reactivity

·Chemical stability:

No decomposition if used according to specifications.

No decomposition if used and stored according to specifications.

·Incompatibilities:acids,alkali,anhydride,halogens,oxidizing agents,corrosives and chemicals

·Polymerization:nonoccurrence

·Hazardous decomposition products:No dangerous decomposition products known

SECTION 11:Toxicological information

•Acute Toxicity •Primary irritant effect:



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Irritating to eyes, respiratory system and skin. •Sensitization:No sensitizing effects known.

·Additional toxicological information:

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA,IARC,NTP,OSHA or ACGIH.

SECTION 12:Ecological information

Toxicity Components: Solvent naphtha (petroleum),light arom. Ecotoxicology Assessment Long-term (chronic) aquatic hazard:Toxic to aquatic life with long lasting effects.

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Results of PBT and vPvB assessment No data available

Other adverse effects

Product:

Additional ecological information:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life with long lasting effects.



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SECTION 13:Disposal considerations

Waste treatment methods

Product:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging:	Send to a licensed waste management company. In accordance with local and national regulations. Empty remaining contents.
	Dispose of as unused product. Do not re-use empty containers. In accordance with local and national regulations.

SECTION 14:Transport information

·UN-No.: ·ADR,IMDG,IATA ·UN proper shipping name	1325
ADR	1325 FLAMMABLE SOLID,ORGANIC,N.O.S. (Aluminum pigment paste)
·IMDG.IATA	FLAMMABLE SOLID,ORGANIC,N.O.S. (Aluminum pigment paste)
·Transport hazard class	
·ADR	
·Class:	4.1 Flammable solids,self-reactive substances and solid desensitized explosive
·Label:	4.1
·Packing group:	
·ADR,IMDG,IATA:	II
·Enviromental hazards:	
·Marine pollutant:	No
·Danger code (kemler)	40
·EMS No.:	F-G,S-G



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SECTION 15:Ragulatory information

·Domestic regulation:

•The product in the standard Name List of Hazardous Chemicals (GB 12268-2012) of the state, which number is No.1325, name and description: organic inflammable solid, unspecified.

•The product in the standard Name List of Hazardous Chemicals (2015), which number is No.33645, name and description: Aluminum paste

•The product in the Railway dangerous commodity name list(2015), which number is No.33645, name and description: Aluminum paste

SECTION 16:Other information

·DISCLAIMER OF LIABILITY

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