

Applicant :

Below information submitted by the applicant:

Product Name : Clay Eraser

Model : /

Model may cover : /

Reference info. : /

Manufacturer info. :

Supplier info. :

Buyer info. : /

Country of Destination : /

Country of Origin : China

Sample Received : 05.22, 2020

Test Period : 05.22, 2020 - 05.26, 2020

Test Requirement : Refer to next pages

Test Method : Refer to next pages

Test Result : Refer to next pages

Test Conclusion : Refer to next pages

Result Summary : Test Items

Verdict

Material Safety Data Sheet for the submitted samples
in according to GHS Rev.3 and European Regulation
No.1272/2008, No.1907/2006 and its amendments

Refer to next

Jerry Zhao, Technical Director
Signed for and on behalf of
TUV THÜRINGEN SHANGHAI CO., LTD.
Shanghai

**TÜV Thüringen CHINA**

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HONG XU STATIONERY (SHANGHAI)CO., LTD

SAFETY DATA SHEET

NO.688, XIAONAN RD, NANQIAO TOWN, JIANGHAI ECONOMIC ZONE, FENGXIAN DISTRICT SHANGHAI CHINA

Prepared

2020.05.25

According to GHS Rev.3 and European Regulation No.1272/2008, No.1907/2006 and its amendments

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1.1 Product identifier

Product form Articles

Product Name Clay Eraser

Model/Type /

CAS No. Refer to section 3

Type of product Articles

Chemical structure Refer to section 3

TEL: 86-21-33658299

E-mail: susophia@skooltools.com.cn

1.4 Emergency telephone number TEL: 86-21-33658299

Section 2 Hazards identification

2.1 Classification of the substances or mixture

Do not inhale fumes during baking. Overheating oven hardening polymer clays will result in blackening and release of irritating gases including hydrogen chloride vapor.

2.2 Label elements

Signal word: no data available

Pictograms: no data available

2.3 Precautionary Statements

Avoid release to the environment.

2.4 Hazards not otherwise classified

Not applicable

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2.4 Other information

Do not inhale fumes during baking. Overheating oven hardening polymer clays will result in blackening and release of irritating gases including hydrogen chloride vapor.

2.5 Other hazards

Not specified

2.6 Other hazards

Results of PBT and vPvT assessment

PBT Not determined

vPvT Not determined

Section 3 Composition/ information on ingredients

3.1 Substance

Not applicable

3.2 Composition

Name	CAS No.	EC No.	Concentration, %
CaCO ₃	471-34-1	207-439-9	36.25
Polyvinyl Chloride	9002-86-2	618-338-8	29.00
1,2-cyclohexanedicarboxylic acid diisononyl ester	166412-78-8	/	29.00
Calcium and Zinc Liquid Stabilizer	57583-34-3	260-828-5	1.11
Epoxidized Soybean Oil	8013-07-8	232-391-0	4.64

Section 4 First-aid measures

4.1 Description of first aid measures

General advice If irritation or other symptoms occur or persist from any route of exposure see a physician/get medical attention.

If inhaled Seek fresh air after inhalation of fumes in the case of overheating material in oven. Seek medical attention if symptoms occur.

In case of skin contact Wash the affected area thoroughly with plenty of soap and water. Seek medical attention if symptoms occur.

In case of eye contact Any material that contacts the eye should be washed out immediately with water for 5-10 minutes. Seek medical attention if symptoms occur.

Ingestion Wash out mouth with water. If symptoms persist, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Wear proper personal protective clothing and equipment.
Most important symptoms and effects, both acute and delayed: Irritation. Pre-existing skin problems may be aggravated by prolonged or repeated exposure.
See Section 11.1. Information on toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable



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5.1 Extinguishing media

Suitable extinguishing media

Use water spray jet, foam, carbon dioxide, ABC dry chemical.

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

Specific Hazards Arising from In the case of overheating in oven, carbon monoxide, carbon dioxide and the Chemical: noxious hydrochloric acid vapors may be formed.

Hazardous decomposition products in

case of fire

Carbon monoxide



6.1 Personal precautions, protective equipment and emergency procedures

None. In case of overheating material, turn off oven. Ventilate area by opening nearest window. Seek fresh air, if fumes are inhaled.

6.2 Environmental precautions

Contain spill.

6.3 Methods and material for containment and cleaning up

Collect and reuse or dispose with domestic refuse.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 Handling and storage

7.1 Precautions for safe handling

Good industrial hygiene requires that exposure be maintained below the TLV. This is preferably achieved through using the product under well-ventilated conditions. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Avoid eye contact. Avoid repeated or

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prolonged skin contact. Avoid inhalation of fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

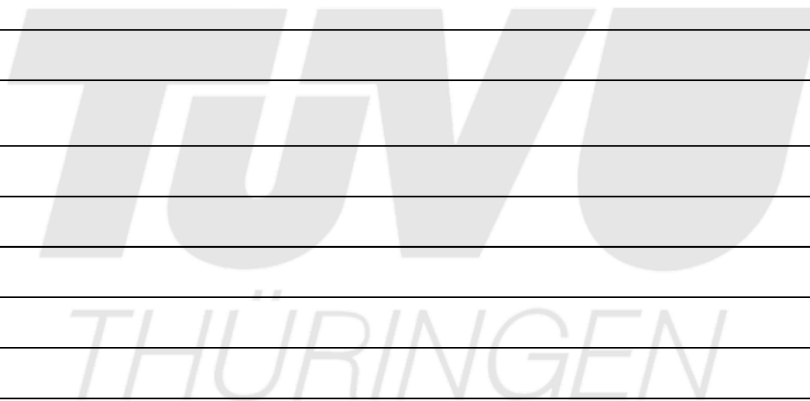
Store unused material in a cool, dry place preferably in a sealed non-reactive container.

7.3 Specific end uses

For writing eraser use only.

8.1 Control parameters

No threshold exposure limit values known.



9.1 Information on basic physical and chemical properties

Physical state

Appearance Solid

Color Multi

Odor Odor free

Odor threshold No data available

pH No data available

Relative evaporation rate (butylacetate=1) No data available

Melting point No data available

Freezing point No data available

Boiling point No data available

Flash point No data available



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	Auto-ignition temperature	No data available
	Decomposition temperature	Not data available
	Flammability (solid, gas)	No data available
	Vapor pressure	No data available
	Relative vapor density at 20°C	No data available
	Relative density	No data available
	Density	No data available
	Solubility	Water soluble
	Log Pow	No data available
	Viscosity, kinematic	No data available
	Explosive properties	No data available
	Oxidizing properties	No data available
	Explosive limits	No data available
9.2	Other information	
	Minimum ignition energy	No data available
	VOC content	<1%
Section 10	Stability and reactivity	
10.1	REACTIVITY	
	Not know to occur.	
10.2	CHEMICAL STABILITY	
	Stable	
10.3	POSSIBILITY OF HAZARDOUS REACTIONS	
	Hazardous polymerization will not occur.	
10.4	CONDITIONS TO AVOID	
	None when used as intended.	
10.5	INCOMPATIBLE MATERIALS	
	No data available	
10.6	HAZARDOUS DECOMPOSITION PRODUCTS	
	No data available	
11.1	Information on toxicological effects	

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No information available

Ingestion (acute effect)

Acute toxicity No health effects are expected.

Skin corrosion/irritation No health effects are expected.

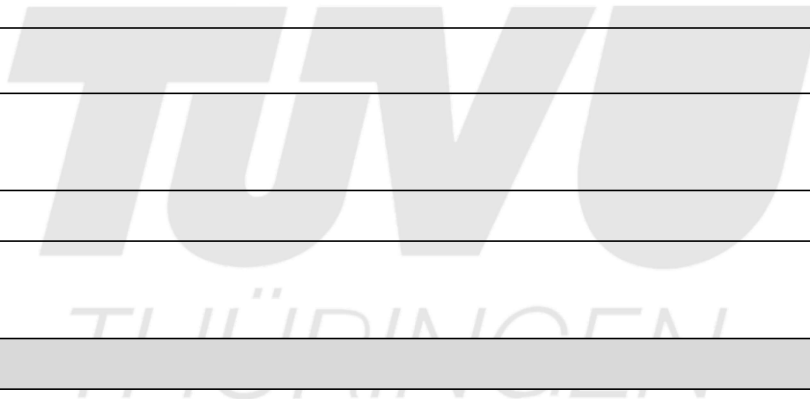
Serious eye damage/eye irritation No health effects are expected.

Respiratory or skin

sensitization No health effects are expected.

Germ cell mutagenicity No health effects are expected.

Carcinogenicity No health effects are expected.



Not expected to be acutely toxic, but material in pellet form may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

Toxicity to daphnia and other aquatic

invertebrates No information available

12.2 Persistence and degradability

No information available

12.3 Bio-accumulative potential

No information available

12.4 Mobility in soil

Not information available

12.5 Results of PBT and vPvB assessment

Results of PBT assessment Not determined

12.6 Other adverse effects

The product is not toxic, small particles can have physical effects on water and soil organisms

Section 13 Disposal considerations



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13.1 Waste treatment methods

Waste treatment methods	If recycling is not available, dispose with domestic refuse. Observe all federal, state and local regulations.
Waste management (disposal and evaluation)	If recycling is not available, dispose with domestic refuse. Observe all federal, state and local regulations.
Regulations related to waste management	If recycling is not available, dispose with domestic refuse. Observe all federal, state and local regulations.

Section 14 Transport information

Not classified as dangerous in the meaning of transport regulations.

In accordance with ADR / RID / IMDG / IATA / ADN

	ADR	IMDG	IATA	AND	RID
14.1 UN Number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4 Packing Group	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5 Environmental hazards	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.6 Special precautions for user					
Overland transport	No data available				
Transport by sea (IMDG)	No data available				
Air transport (IATA)	No data available				
Inland waterway transport	No data available				
Rail transport	No data available				
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	Not dangerous according to the above specifications.				

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Classification and labelling according to GHS Rev.3 and European Regulation No.1272/008, No.1907/2006 and its amendments

15.2 Chemical safety assessment



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The substance is not classified for human health hazards or for environment effects and it is not PBT or vPvB so that no exposure assessment or risk characterization is required. For tasks where the intervention of workers is required, the substance must be handled in accordance with good industrial hygiene and safety procedures.

Section 16 Other information

Legislation related to safety data sheets	GHS Rev.3 and European Regulation No.1272/008, No.1907/2006 and its amendments
Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks	Not applicable
Texts of the legislative phrases mentioned in section 2	Not applicable
Texts of the legislative phrases mentioned in section 3	The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3
Advice related to training	Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.
Abbreviations and acronyms	ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 LC50: Lethal Concentration 50 EC50: Effective concentration 50 Log-POW: Octanol–water partition coefficient Koc: Partition coefficient of organic carbon
Other information	Training staff on good manufacturing practice. Manipulations are to be done only by qualified and authorized persons. Use good personal hygiene practices.

MSDS

This information applies to the PRODUCT AS SUCH and conforming to specifications of the company. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely.

Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive.

It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product.

It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product. (usage, storage, cleaning of containers, other processes). The totality

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of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.

Disclaimer

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

