

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ELOTEX PAD3

Product code : 000000000027021129

Chemical nature : Dispersion powder

Manufacturer or supplier's details

Company : Celanese (Shanghai) International Trading Co., Ltd

Address : 4560 Jinke Road, Zhangjiang, Pudong
Shanghai, China 201210

Telephone : 86-21-38619288

Emergency telephone number : CHEMTREC International phone number: +1-703-527 3887,
+86 532 8388-9090 (China, 24h)

E-mail address : HazCom@celanese.com

Recommended use of the chemical and restrictions on use

Recommended use : Plastic processing industry

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	: pellets
Colour	: white
Odour	: slight

Not a hazardous substance or mixture.

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Physical and chemical hazards

Not classified based on available information.

Health hazards

Not classified based on available information.

Environmental hazards

Not classified based on available information.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version 1.1 Revision Date: 2023/05/03 SDS Number: 000000048948 Date of last issue: -
Date of first issue: 2020/10/14

Other hazards which do not result in classification

Risk of dust explosion.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate)	94-28-0	>= 30 -< 50
dolomite	16389-88-1	>= 20 -< 30

4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Cool skin rapidly with cold water after contact with molten material.
Do not peel solidified product off the skin.
Burns must be treated by a physician.

In case of eye contact : Remove contact lenses.
Protect unharmed eye.
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 unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed : None known.

Notes to physician : Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water
Foam
Dry chemical
Carbon dioxide (CO₂)

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : Carbon oxides

Specific extinguishing methods : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version 1.1 Revision Date: 2023/05/03 SDS Number: 000000048948 Date of last issue: -
Date of first issue: 2020/10/14

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
Avoid breathing dust.
Ensure adequate ventilation.
- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
During processing, dust may form explosive mixture in air.
- Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Minimize dust generation and accumulation.
- Avoidance of contact : None known.
Not applicable

Storage

- Conditions for safe storage : Electrical installations / working materials must comply with the technological safety standards.
Keep in a dry, cool place.
Maintain dryness of resin
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
dolomite	16389-88-1	PC-TWA (Total dust)	8 mg/m ³	CN OEL
		PC-TWA (Respirable dust)	4 mg/m ³	CN OEL

- Engineering measures : Local exhaust

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Eye/face protection	:	Safety glasses
Skin and body protection	:	Protective suit
Hygiene measures	:	General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	pellets
Colour	:	white
Odour	:	slight
pH	:	7.00 - 10.00 Concentration: 10.0 %
Boiling point/boiling range	:	Not applicable
Flash point	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable.
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	15.000 mg/m3
Vapour pressure	:	Not applicable
Relative vapour density	:	Not applicable
Relative density	:	Not applicable
Density	:	not determined
Bulk density	:	300 - 500 kg/m3
Solubility(ies)	:	
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	For further information, refer to the product technical data sheet.
Viscosity	:	
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Dust explosion class	: St1
Particle size	: ca. 60 - 120 µm Method: ISO 13320 Physical state, agglomerates
	: < 1 µm Method: OECD Test Guideline 110 nano particles, Physical state, aggregates

10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned. Dust may form explosive mixture in air.
Conditions to avoid	: No data available
Incompatible materials	: None known. Not applicable

Hazardous decomposition products

Thermal decomposition	: No data available
-----------------------	---------------------

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Acute oral toxicity	: LD50 (Rat, female): > 2,000 mg/kg Method: OECD Test Guideline 420
Acute inhalation toxicity	: LC50 (Rat, male): > 2 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403
Acute dermal toxicity	: LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402

dolomite:

Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
---------------------	-----------------------------

Skin corrosion/irritation

Not classified based on available information.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Species	:	Rabbit
Method	:	OECD Test Guideline 404
Result	:	Mild skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Species	:	Rabbit
Result	:	Mild eye irritant
Method	:	OECD Test Guideline 405
Remarks	:	Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Species	:	Guinea pig
Method	:	OECD Test Guideline 406
Result	:	Not a skin sensitizer.

Germ cell mutagenicity

Not classified based on available information.

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Genotoxicity in vitro	:	Test Type: Ames test
		Metabolic activation: with and without metabolic activation
		Method: OECD Test Guideline 471
		Result: negative

		Test Type: In vitro mammalian cell gene mutation test
		Test system: mouse lymphoma cells
		Metabolic activation: with and without metabolic activation
		Method: OECD Test Guideline 476
		Result: negative

Carcinogenicity

Not classified based on available information.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Result : No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Not classified based on available information.

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Effects on fertility : Species: Rat
Application Route: Oral
General Toxicity - Parent: NOAEL: 977 - 1,563 mg/kg body weight
Method: OECD Test Guideline 422
Result: No adverse reproductive / developmental effects at the highest dose tested

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Species : Rat
NOAEL : 314 - 576
Application Route : Oral
Exposure time : 28d
Remarks : No adverse effects

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 97 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 38.7 mg/l
aquatic invertebrates Exposure time: 48 h
Method: 88/302/EEC

Toxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): > 55 mg/l
plants Exposure time: 72 h
Method: 88/302/EEC

Toxicity to microorganisms : EC10 (Pseudomonas putida): > 1,934 mg/l
Exposure time: 5 h

dolomite:

Toxicity to fish : LC50 (Fish): > 1,000 mg/l
Exposure time: 96 h

Toxicity to daphnia and other : (Daphnia (water flea)): > 5,000 mg/l
aquatic invertebrates Exposure time: 48 h

Persistence and degradability

Product:

Biodegradability : Result: Not readily biodegradable.

BOD/COD : Remarks: No data available

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Biodegradability : BODIS (BOD Test for insoluble substances)
Result: Readily biodegradable.
Biodegradation: 92 %
Exposure time: 28 d

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor- : An environmental hazard cannot be excluded in the event of
mation unprofessional handling or disposal.
Harmful to aquatic life.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

Components:

2,2'-ethylenedioxydiethyl bis(2-ethylhexanoate):

Results of PBT and vPvB assessment : The substance does not meet the criteria for PBT / vPvB according to REACH, Annex XIII

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Where possible recycling is preferred to disposal or incineration.
Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Packing instruction (cargo aircraft) : Not applicable
Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
EmS Code : Not applicable
Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

National Regulations

GB 6944/12268

UN number	: Not applicable
Proper shipping name	: Not applicable
Class	: Not applicable
Subsidiary risk	: Not applicable
Packing group	: Not applicable
Labels	: Not applicable

Special precautions for user

Not applicable

15. REGULATORY INFORMATION

National regulatory information

Law on the Prevention and Control of Occupational Diseases

16. OTHER INFORMATION

Date format : yyyy/mm/dd

Full text of other abbreviations

CN OEL : Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.

CN OEL / PC-TWA : Permissible concentration - time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumu-

SAFETY DATA SHEET

according to GB/T 16483 and GB/T 17519



ELOTEX PAD3

Version	Revision Date:	SDS Number:	Date of last issue: -
1.1	2023/05/03	000000048948	Date of first issue: 2020/10/14

lative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

CN / EN