


< Material Safety Data Sheet >

Product Name : Talc J-ASC(HD)

1. PRODUCT AND COMPANY IDENTIFICATION

a) Product Name	Talc J-ASC(HD)
b) Recommended use of the chemical and restrictions on use	Cosmetics material
c) Manufacturer/Supplier/Distributor Information	
Name	EastHill Corporation
Address	Hyundai Coretel 1003, 341, Sanbon-ro, Gunpo-si, Gyeonggi-do 15865, Korea.
Emergency phone number	TEL) 82-31-396-5182 FAX) 82-31-396-5183

2. HAZARDS IDENTIFICATION

a) Hazard Classification	Hazardous to the aquatic environment, chronic toxicity : Category 2
b) Label elements including precautionary statements	
Symbol	
Signal Word	None
Hazard/Risk Statement	H411 – Toxic to aquatic life with long lasting effects
Precautionary Statement	
• Precaution	P273 – Avoid release to the environment.
• Response	P391 – Collect spillage.
• Storage	None
• Disposal	P501 – Dispose of contents/container in accordance with regulation to be specified.
c) Other Hazard. Risk which are not included in the classification criteria	
Health	1
Fire	1
Reactivity	1

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CONTENT(%)	CAS.No
Talc		14807-96-6
Triethoxycaprylsilane	confidential	2943-75-1

4. FIRST AID MEASURES

a) Eye contact	Immediately call a poison center or physician. Wash the eyes with flowing water immediately for 20 minutes.
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| b) Skin contact | <p>wash the skin with flowing water immediately for 20 minutes.</p> <p>Remove contaminated clothing and shoes and please isolate the contaminated area.</p> <p>Wash clothing and shoes thoroughly before reuse</p> <p>Take medical action immediately.</p> |
| c) Inhalation | <p>Get emergency medical attention.</p> <p>Move to a place with fresh air.</p> <p>If not breathing, give artificial respiration.</p> <p>If breathing is difficult, give oxygen.</p> |
| d) Ingestion | <p>Do not give anything to your unconscious mouth.</p> <p>Take medical action immediately.</p> |
| e) Indication of immediate medical attention and notes for physician | <p>Medical personnel are aware of the material please to take protective measures.</p> <p>Do not administer adrenaline.</p> |

5. FIRE-FIGHTING MEASURES

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|---|--|
| a) Suitable (and unsuitable) extinguishing media | <p>Water spray, alcohol-resistant, dry chemical, carbon dioxide.</p> <p>In case of extinguishment by smothering, use dry sand or soil.</p> |
| b) Specific hazards arising from the chemical | Decomposition at high temperature can generate toxic gases. |
| c) Special protective equipment and precautions for fire-fighters | Wear self contained breathing apparatus for firefighting if necessary. |

6. ACCIDENTAL RELEASE MEASURES

- | | |
|--|--|
| a) Personal precautions, protective equipment and emergency procedures | <p>Avoid dust forming.</p> <p>Wear the suitable protective equipment to prevent any contamination of skin, eyes and personal clothing.</p> <p>As you work, position yourself on the windward side.</p> <p>Avoid breathing vapors, mist or gas.</p> <p>Ensure adequate ventilation.</p> |
| b) Environmental precautions and protective procedures | <p>Avoid release to the environment.</p> <p>Prevent spills from entering storm sewers or drains and contact with soil.</p> |
| c) Methods and materials for containment and cleaning up | <p>Avoid raising dust.</p> <p>Pick up and arrange disposal without creating up.</p> <p>Keep in suitable exhaust ventilation at places where dust is formed.</p> |

7. HANDLING AND STORAGE

- | | |
|----------------------------------|--|
| a) Precautions for safe handling | <p>Do not breath dust/fume/gas/mist/vapours/spray.</p> <p>Comply with the health and safety at work laws.</p> <p>Put on appropriate personal protective equipment</p> <p>Note that materials and conditions to avoid</p> |
| b) Conditions for safe storage | <p>Store the container and material in cool, in cool and good ventilation area .</p> <p>Eating and drinking should be prohibited in areas</p> |

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

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|---------------------------------|--|
| a) Occupational Exposure Limits | |
| Korea | |
| Talc | <p>TWA - 6mg/m3 (Dust)</p> <p>TWA - 3mg/m3 (Respirable Dust)</p> |

	TWA - 2mg/m3 (Not included asbestos)
Triethoxycaprylylsilane	No data
ACGIH	
Talc	TWA - 2mg/m3
Triethoxycaprylylsilane	No data
Biological Exposure Indices	No data
b) Appropriate engineering controls	To prevent the air-pollution of working space, it is desired to provide a local exhaust apparatus or closed type system, and make total ventilation appropriately.
c) Personal protective equipment	
Respiratory protection	NIOSH approved dust respirators are recommended when handling in areas of pigment dusting.
Eye protection	No data
Skin protection	No data

9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance (physical state, color, etc.)	White powder
b) Odor	Slightly Characteristic Odor
c) Odor threshold	No data
d) pH	No data
e) Melting point / Freezing point	No data
f) Initial boiling point and boiling range	No data
g) Flash point	No data
h) Evaporation rate	No data
i) Flammability (solid, gas)	No data
j) Explosion limits	No data
k) Vapor pressure	No data
l) Solubility	No data
m) Vapor density	No data
n) Relative density	No data
o) Partition coefficient: n-octanol/water	No data
p) Auto-ignition temperature	No data
q) Decomposition temperature	No data
r) Viscosity	No data

10. STABILITY AND REACTIVITY

a) Chemical stability and possibility of hazardous reactions	Decomposition at high temperature can generate toxic gases. Nonflammability, material don't combust but if apply heat, decomposition can make corrosiveness/toxic fume. It can combust partial but don't ignite easily.
b) Conditions to avoid	Ignition source (Heat, spark, flame)
c) Incompatible materials	Combustible materials
d) Hazardous decomposition products	Corrosive/toxic fume Irritative/corrosive/toxic gas

11. TOXICOLOGICAL INFORMATION

a) Information on the likely routes of exposure	No data
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b) Health hazards information

Acute Toxicity

Oral

Talc	No data
Triethoxycaprylylsilane	LD50 10.6 mg/kg Rat

Skin

Talc	No data
Triethoxycaprylylsilane	5.91 ml/kg Rabbit LD50

Inhalation

No data

Skin corrosion /irritation

Talc	300mg/3day (Human) : Slightly irritation
Triethoxycaprylylsilane	No data

Serious eye damage/irritation

Talc	No irritation, Rabbit
Triethoxycaprylylsilane	No data

Respiratory sensitization

No data

Skin sensitization

No data

Carcinogenicity

IARC

Talc	1, 2B, 3
Triethoxycaprylylsilane	No data

OSHA

No data

ACGIH

Talc	A1, A4
Triethoxycaprylylsilane	No data

NTP

No data

EU CLP

No data

Germ cell mutagenicity

Talc	Salmonella species, Negative
Triethoxycaprylylsilane	No data

Reproductive toxicity

No data

Specific target organ systemic toxicity
(single exposure)

No data

Specific target organ systemic toxicity
(repeated exposure)

No data

Aspiration hazard

No data

12. ECOLOGICAL INFORMATION

a) Aquatic and terrestrial ecotoxicity

Fish

Talc	LC50 > 10000 mg/l 24 hr Brachydanio rerio
Triethoxycaprylylsilane	LC50 1.607 mg/l 96 hr etc

Crustacean

Talc	No data
Triethoxycaprylylsilane	LC50 2.010 mg/l 48 hr etc

Birds

Talc	No data
Triethoxycaprylylsilane	EC50 < 1.000 mg/l 96 hr etc
b) Persistence and Degradability	
Persistence	
Talc	log Kow -1.50
Triethoxycaprylylsilane	log Kow 4.24
Degradability	No data
c) Bioaccumulative potential	
Bioaccumulativity	
Talc	No data
Triethoxycaprylylsilane	BCF 36.67
Biodegradability	No data
d) Mobility in soil	No data
e) Other adverse effects	No data

13. DISPOSAL CONSIDERATIONS

a) Disposal method	Dispose the waste in accordance with all applicable regulations.
b) Disposal precaution	Dispose the waste in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

a) UN number	Not applicable
b) UN proper shipping name	Not applicable
c) Transport hazard class	Not applicable
d) Packing group	Not applicable
e) Marine pollution	Not applicable
f) Special precaution for user	Not applicable
g) IATA	Not applicable

15. REGULATORY INFORMATION

a) Safety, health and environmental regulations	
Korean	
Talc	Prohibited Substance
	Working environment measurement target substance (measurement period : 6month)
	Special medical examination the substance (diagnostic period: 12 months)
	Exposure standard setting substance
Triethoxycaprylylsilane	No data
U.S. Federal	
OSHA	Not regulated
CERCLA	Not regulated
EPCRA 302	Not regulated
EPCRA 304	Not regulated
EPCRA 313	Not regulated
Rotterdam Convention(PIC)	Not regulated
Stockholm Convention(POPs)	Not regulated
Montreal Protocol	Not regulated
EU	

Classification	Not regulated
Risk Phrase	Not regulated
Safety phrase	Not regulated

16. OTHER INFORMATION

a) Issuing date	2017.07.17
b) Revision number and date	
Revision number	0
Revision date	-
c) Others :	For more information contact product safety at EastHill Corporation Hyundai Coretel 1003, 341, Sanbon-ro, Gunpo-si, Gyeonggi-do 15865, Republic of Korea. TEL : 82-31-396-5182 FAX : 82-31-396-5183

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