

Polymer Add (Thailand) Co; Ltd.



Safety Data Sheet

TALC M20W95

Revision date :

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NUMBER

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Chemical Name	TALC
CAS NO.	14807-96-6

1.2 Relevant identified uses of the substance or mixture and uses advised against

1. TALC is excellent Mineral Nucleating agent for polymer applications.
2. Talc as filler is widely used in polymer applications.
3. Talc is widely used as anti block in film application.

Details of the supplier of the safety data sheet

COMPANY

POLYMER ADD (THAILAND) CO., LTD.
106, Chalarempriak, Lor 9, Soi 22, Yak
5, Nongbon, Prawet, Bangkok
Bangkok - 10250
Thailand
Telephone : 0804531391
Email - contact@polymeradd.co.th

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

May cause cancer

2.3 Other hazards

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component

Chemical Name	TALC
CAS NO	14807-96-6
EC Number	238-877-9
Molecular Formula	3MgO.4SiO2.H2O
Molecular Weight	379.27 g/mol

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Concentration

-

4 FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

Remove to fresh air immediately.
If experiencing difficulty in breathing then get medical attention.

In case of skin contact

In case of skin irritation or allergic reactions, see a physician.

In case of eye contact

Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently, then see a medical doctor.

If swallowed

Do not induce vomiting.
Never give anything by mouth to an unconscious person.
See a medical doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

May cause mild skin irritation in some cases.
Can be harmful if inhaled.
May cause respiratory irritation if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water, dry chemical, carbon dioxide, or chemical foam.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Wear full protective clothing and self-contained breathing apparatus (SCBA) approved for fire fighting.
This is necessary to protect against the hazards of heat, products of combustion, and oxygen deficiency.
Do not breathe smoke, gases, or vapors generated.

5.4 Further information

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures

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Ensure adequate ventilation.
No special environmental precautions required.

6.2 Environmental precautions

No data available

6.3 Methods and materials for containment and cleaning up

Wipe up with absorbent material.

6.4 Reference to other sections

No data available

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not get in eyes and avoid breathing dust.

7.2 Information about protection against explosions and fires

No data available

7.3 Conditions for safe storage including any incompatibilities

Store away from oxidizing agents.
Keep in a dry place and protect from moisture.

7.4 Specific end use(s)

No data available

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

Ensure adequate ventilation.
Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Skin protection recommended when manufacturing product
Handle with gloves.
Gloves must be inspected prior to use.
Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

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Wash and dry hands.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection dependent upon airborne exposures.

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator.

For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9 PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance	Light grey solid
b) Odour	No data available
c) Odour Threshold	No data available
d) pH (% solution in water)	No data available
e) Melting point/freezing point	No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	No data available
h) Evaporation rate	No data available
i) Flammability (solid or gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	No data available
n) Water solubility	No data available
o) Partition coefficient: n-octanol/water	No data available
p) Autoignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

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9.2 Other safety information

Bulk Density No data available

10 STABILITY AND REACTIVITY

10.1	Reactivity	No data available
10.2	Chemical stability	Stable under recommended storage conditions
10.3	Possibility of hazardous reactions	No data available
10.4	Conditions to avoid	No data available
10.5	Incompatible materials	Oxidizing agents
10.6	Hazardous decomposition products	Hazardous decomposition products formed under fire conditions. - Magnesium oxide, silicon oxides Other decomposition products - No data available In the event of fire: see section 5

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	No data available Hydrrous magnesium silicate
Skin corrosion/irritation	Skin - Human(Hydrrous magnesium silicate) Result: Mild skin irritation - 3 h
Serious eye damage/eye irritation	No data available(Hydrrous magnesium silicate)
Respiratory or skin sensitization	No data available(Hydrrous magnesium silicate)
Germ cell mutagenicity	No data available(Hydrrous magnesium silicate)
IARC	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrrous magnesium silicate) 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrrous magnesium silicate)
Reproductive toxicity	No data available(Hydrrous magnesium silicate)
Specific target organ toxicity - single exposure	No data available(Hydrrous magnesium silicate)
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available(Hydrrous magnesium silicate)
RTECS	WW2710000

Signs And Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.(Hydrrous magnesium silicate)

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12 ECOLOGICAL INFORMATION

12.1 Toxicity No data available

12.2 Persistence and degradability

Biodegradation

No data available

12.3 Bio accumulative potential No data available(Hydrous magnesium silicate)

12.4 Mobility in soil No data available(Hydrous magnesium silicate)

12.5 Results of PBT and vPvB assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Other adverse effects No data available

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company

Contaminated packaging

Dispose of as unused product.

14 TRANSPORT INFORMATION

14.1 UN number

ADR/RID

IMDG

IATA

-

-

-

14.2 UN proper shipping name

ADR/RID

IMDG

IATA

Not dangerous goods

Not dangerous goods

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID

IMDG

IATA

-

-

-

14.4 Packaging group

ADR/RID

IMDG

IATA

-

-

-

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14.5 Environmental hazards

ADR/RID

IMDG Marine pollutant

IATA

no

no

no

14.6 Special precautions for user

No data available

15 REGULATORY INFORMATION

15.1 Safety health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16 OTHER INFORMATION

Month of Creation

March 2023

Month of Revision

March 2027