

Polymer Add (Thailand) Co; Ltd.

Safety Data Sheet TALC M20W95 MICRONIZED

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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.
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Bangkok - 10250
Thailand
Telephone : 0804531391
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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	Hydrous magnesium silicate
Skin corrosion/irritation	Skin - Human	(Hydrous magnesium silicate) Result: Mild skin irritation - 3 h
Serious eye damage/eye irritation	No data available	(Hydrous magnesium silicate)
Respiratory or skin sensitization	No data available	(Hydrous magnesium silicate)
Germ cell mutagenicity	No data available	(Hydrous magnesium silicate)
IARC	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrous magnesium silicate) 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Hydrous magnesium silicate)	
Reproductive toxicity	No data available	(Hydrous magnesium silicate)
Specific target organ toxicity - single exposure	No data available	(Hydrous magnesium silicate)
Specific target organ toxicity - repeated exposure	No data available	
Aspiration hazard	No data available	(Hydrous 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. (Hydrous 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