

SAFETY DATA SHEET

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical name (Product name) Sealer 556 (Tube)

Product number 503294

SDS Number rdjp174-3

Manufacturer/Supplier SOLAR CO.,Ltd.

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SECTION 2- HAZARDS IDENTIFICATION

GHS classification
HEALTH HAZARDS Serious eye damage/eye irritation Category1

Carcinogenicity Category2

Specific target organ toxicity (Single exposure)
Category2 (Respiratory system)

Specific target organ toxicity(repeated exposure)
:Category2 (Respiratory system)

Hazards not stated here are "Not applicable" or
"Classification not possible".

GHS label
Symbols



Signal words Danger

Hazard statements H318 Causes serious eye damage

H351 Suspected of causing cancer

H371 May cause damage to organs

H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statements
【Prevention】 Obtain special instructions before use.(P201)

Do not handle until all safety precautions have been read and understood.(P202)

Do not breathe gas.(P260)

Do not breathe mist/vapours/spray.(P260)

Do not breathe dust/fumes.(P260)

Wash hands thoroughly after handling. (P264)

Do not eat, drink or smoke when using this product.(P270)

Wear protective gloves/eye protection/face protection. (P280)

【Response】

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.(P305+P351+P338)

If exposed: Call a POISON CENTER or doctor/physician.(P308+P313)

Immediately call a POISON CENTER/doctor.(P310)

Get medical advice/attention if you feel unwell.(P314)

Specific treatment.(P321)

【Storage】

Store locked up.(P405)

【Disposal】

Dispose of contents/container in accordance with the Waste Disposal and Public Cleansing Law and related laws and regulations.(P501)

SECTION 3- COMPOSITION/INFORMATION ON INGREDIENTS

Classification of the substance or mixture: Mixture

Chemical name or generic name	Concentration or concentration ranges	Chemical formula	Reference number in gazetted list in Japan		CAS No.
			METI No.	ISHL No.	
			(ENCS No.)		
See below for materials related to three lows of the SDS(Note 1)					

The Industrial Safety
and
Health Law

Dangerous goods and
hazardous substances should
be notified name. (Act: Article
57-2, Enforcement
Ordinance: Article 18-2-1/2
Attached Table 9)

Calcium oxide (Designated number
by Laws: 190) (1%~10%)

Titanium oxide(IV) (Designated
number by Laws: 191) (Less than
5%)

SECTION 4- FIRST AID MEASURES

Inhalation

In case of feeling unwell by inhalation of vapor/gas,
move into fresh air and keep at rest, and seek
medical assistance.

If breathing is difficult or not breathing, give artificial
respiration immediately. Get medical
advice/attention immediately.

Skin contact

Remove/Take off immediately all contaminated
clothing or shoes.

Gently wash with plenty of soap and water. Do not
use solvents, thinner.

If abnormal changes are observed in appearance, or
irritant or pain persists, or if you feel unwell, seek
medical assistance.

Eyes contact

Flush carefully with plenty of clean water for at least
15 minutes immediately. Consult an ophthalmologist.

Hold eyelids open and away from eyeballs with
fingers to ensure that all surfaces are flushed
thoroughly.

Remove contact lenses, if present and easy to do.

Ingestion

Rinse mouth well with clean water.

Do not induce vomiting unless.

Never give anything by mouth to an unconscious
person.

Get medical advice/attention immediately.

Protection for first-aides Wear safety equipments as indicated in section 8 (EXPOSURE CONTROL/PERSONAL PROTECTION) during handling.

SECTION 5- FIRE FIGHTING MEASURES

Suitable extinguishing media In case of fire, use water spray, foam, powder, carbon dioxide and dry sand.

Special fire fighting procedures Use designated extinguishing media.

Extinguish the fire from the windward side of the fire.

Remove surrounding combustible materials immediately.

Cool surrounding equipment with water spray.

Special protective equipment and precautions for fire-fighters Wear suitable Self-Contained Breathing Apparatus (SCBA), Chemical proof protective clothing.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal precautions (protective equipment and emergency measures) Provide ventilation adequately until finishing process.

Wear suitable protective equipment as indicated in section 8 during handling.

Exclude non-essential personnel.

Environmental precautions Prevent from entering into drains, ditches, basement or closed place.

Methods and materials for containment and cleaning up Collect in a sealable container.

Prevention measures against secondary accident Properly treat deposits, waste and etc., on the basis of the applicable laws and regulations.

Remove the sources of ignition promptly.

SECTION 7- HANDLING AND STORAGE

Handling	Technical measures	Take equipment measures and wear suitable protective equipment as indicated in section 8 (EXPOSURE CONTROL/PERSONAL PROTECTION) .
	Precautions for safe handling	Prohibit the use of the high temperature, spark and fire of around.
		Close container tightly after each use.
Storage	Appropriate storage conditions	Do not handle until all safety precautions have been read and understood.
		Wash body, face, hands, eyes thoroughly after handling.
		Keep container tightly closed.
		Store in a dark, dry, cool and well ventilated area.

SECTION 8- EXPOSURE CONTROL/PERSONAL PROTECTION

Component	Management Concentration	Allowable concentration (Society for Occupational Health)	Allowable concentration (ACGIH)
Calcium oxide			TWA 2 mg/m ³ , STEL -
Titanium oxide(IV)		0.3mg/m ³ ; Dust allowable concentration degree; 1mg/m ³ ; Dust(2nd kind) Total dust:4mg/m ³	TWA 10 mg/m ³ , STEL -

Facility Protection	If steam or the fume and mist is generated, install a local exhaust system.
	Install shower, hand-wash, cleansing facilities close to handling location, and clearly display the position.

Personal protection equipments	Respiratory protection	If ventilation is not good, use gas masks for organic vapor.
	Hand protection	Use impermeable protective groves (rubber groves).
	Eye protection	Wear safety glasses (safety glasses with side wall, safety goggles).
	Skin and body protection	Wear work clothes, boots and apron.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical form	Paste
	Color	White
Flush point		>200°C (SETA closed-cup/analogy value)
Specific gravity (Density)		ca 1.34

SECTION 10- STABILITY AND REACTIVITY

Stability	Stable at normal conditions of handling.
Possibility of hazardous reaction	No information available.
Condition to avoid	No information available.
Hazardous decomposition products	No information available.

SECTION 11- TOXICOLOGICAL INFORMATION

Serious eye damage/eye irritation	Based on the component of Category 1 Serious eye damage/eye irritation are $\geq 3\%$. It is corresponding to the Category 1.
Carcinogenicity	Based on the component of Category 2 Carcinogenicity are $\geq 1\%$. It is corresponding to the Category 2.
Specific target organ toxicity (Single exposure)	Based on the componet of Category 1 Specific target organ toxicity (Respiratory system) are $\geq 1\%$ to $<10\%$. It is corresponding to the Category 2 (Respiratory system).
Specific target organ toxicity (Repeated exposure)	Based on the componet of Category 1 Specific target organ toxicity (Respiratory system) are $\geq 1\%$ to $<10\%$. It is corresponding to the Category 2 (Respiratory system).

SECTION 12- ECOLOGICAL INFORMATION

No data

SECTION 13- DISPOSAL CONSIDERATIONS

Residual waste

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Entrust disposal to officially recognized expert traders or disposal dealers with the permission of the prefectural governor, or entrust to local public entities if they are dealing disposal.

Contaminated containers and packaging

Recycle used containers by cleaning or dispose appropriately in accordance with official regulation.

Dispose of empty container after eliminating contents completely.

SECTION 14- TRANSPORT INFORMATION

International regulation

Marine transport

Not applicable

Marine Pollutant

Not applicable

Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code.

Not applicable

Domestic regulation

Air Transport

Not applicable

Land transport

Follow Fire Service Act and Road law

Marine transport

Not applicable

Marine Pollutant

Not applicable

Transport in bulk according to MARPOL 73/78, Annex II, and the IBC code.

Not applicable

Air Transport

Not applicable

Special safety measure

Follow the description in the SECTION 7-
HANDLING AND STORAGE

Make sure no leakage of the container, loading
to avoid fall/damage and ensure a prevention of
collapse of cargo at the transportation.

Emergency Response Guide No.

None

SECTION 15- REGULATORY INFORMATION

The Industrial Safety
and Health Law

Dangerous goods and hazardous substances should
be displayed the name, etc. (Act: article 57-1,
Enforcement ordinance: article 18-1/2, attached
table 9)

Dangerous goods and hazardous substances should
be notified of the names and the like (Act: article 57-
2, Enforcement ordinance: article 18-2-1/2, attached
table 9)

Fire Service Act

Specify combustibles,Flamable solids

PRTR and Promotion of
Chemical Management
Law (PRTR Law)

Not applicable

Poisonous and
Deleterious Substances
Control Act

Not applicable

SECTION 16- OTHER INFORMATION

References and sources Database of Japan chemical database Ltd.

SDS of raw materials.

Disclaimer:

This safety data sheet (SDS) is based on the latest
sources and data which are currently available. It
may be updated based on new scientific findings.

The precautions herein are for normal handling.

As cautions described are for normal usage, and it is
assumed any chemical product has unknown
hazard, extreme caution is required for handling. It is
the user's responsibility to determine safe conditions
for use of this product. For special handling, please
use it in the light of suitable safety measures for
application and usage.

Please contact our sales department, Inquiry for this SDS of detailed Information on ingredients and regulatory Information.

Three lows of the SDS (Note.1);

Law concerning Reporting, etc. of Release to the Environment of Specific Chemical Substances and Promoting Improvements in their Management (PRTR act).

Industrial Safety and Health Act (Article 57-2).

Poisonous and Deleterious Substances Control Act.