

## SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**PRODUCT CODE:** 404125

**PRODUCT NAME:** Mold Smoother

#### COMPANY IDENTIFICATION

Company name	PADICO Co., Ltd.
Address	673-3 Jinba Gotenba City, Shizuoka JAPAN 412-0047
Telephone	0550-89-7521
Department	Research and Development section
Person in charge	Yuta Endo
Fax	0550-89-5951
Emergency telephone	0550-89-7536
E-mail	<a href="mailto:safety@padico.co.jp">safety@padico.co.jp</a>
Recommended use of product and restrictions on use	Remove the clay from the mold

### 2. HAZARD IDENTIFICATION

#### GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

##### PHYSICAL HAZARDS

Explosives	:	Not classified
Flammable gases	:	Not classified
Flammable aerosols	:	Not classified
Oxidizing gases	:	Not classified
Gases under pressure	:	Not classified
Flammable liquids	:	Not classified
Flammable solids	:	Not classified
Self-reactive substances and mixtures	:	Not classified
Pyrophoric liquids	:	Not classified
Pyrophoric solids	:	Not classified
Self-heating substances and mixtures	:	Not classified
Substances and mixture which, in contact with water, emit flammable gases	:	Not classified
Oxidizing liquids	:	Not classified
Oxidizing solids	:	Not classified
Organic peroxides	:	Not classified
Corrosive to metals	:	Not classified

##### HEALTH HAZARDS

Acute toxicity(oral)	:	Not classified
Acute toxicity(skin)	:	Not classified
Acute toxicity(inhalation: gas)	:	Not classified
Acute toxicity(inhalation: dust)	:	Not classified
Acute toxicity(inhalation: mist)	:	Not classified
Skin corrosion / irritation	:	Not classified
Serious eye damages / eye irritation	:	Not classified
Respiratory sensitization	:	Not classified
Skin sensitization	:	Not classified
Germ cell mutagenicity	:	Not classified

Carcinogenicity : Not classified  
 Reproductive toxicity : Not classified  
 Specific target organ toxicity [single exposure] : Not classified  
 Specific target organ toxicity [repeated exposure] : Not classified  
 Aspiration hazard : Category 1

**ENVIRONMENTAL HAZARDS**

Aquatic toxicity (acute) : Not classified  
 Aquatic toxicity (chronic) : Not classified  
 Harmful effect on the ozone layer : Not classified

**GHS LABEL ELEMENTS INCLUDING :PRECAUTIONRY STATEMENTS**

SYMBOL :



SIGNAL WORD : Danger  
 HAZARD STATEMENT : May be fatal if swallowed and enters airways

**PRECAUTIONARY STATEMENTS**

[Prevention] : If swallowed: immediately call a doctor. Do not induce vomiting.  
 [Response] : -  
 [Storage] : Store locked up.  
 [Disposal] : Dispose of contents/ container in accordance with local /regional / national/ international regulation.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****SUBSTANCE/MIXTURE:**

Component	Content	Cas No.
White mineral oil	100 %	8042-47-5
Vitamin E	5.1-10.0 ppm	10191-41-0

**4. FIRST AID MEASURES**

IF IN EYES : Rinse with water for 15 minutes. Remove contact lenses, if present and easy to do.  
 IF ON SKIN : Shed clothes that are attached content.  
 Wash with soap and plenty of water.  
 IF INHALED : Remove victim to fresh air and keep at rest in a positional comfortable for breathing. Get medical attention in needed.  
 IF SWALLOWED : Immediately call a doctor. Do not induce vomiting.

**5. FIRE-FIGHTING MEASURES**

SUITABLE EXTINGUISHING MEDIA : Small fires:  
 CO2, dry powder, foam,  
 Large fires:  
 Alcohol-type foam or universal-type foams, water fog  
 UNSUITABLE EXTINGUISHING MEDIA : Water jet  
 (Oil will float on water and can spread any fire.)  
 SPECIFIC EXTINGUISHING METHOD : Use water spray to cool fire-exposed containers and structures. If a rail of tank truck is involved

in a fire, ISOLATE for 800 meters (0.5 mile) in all directions. Shut off to fire if it is possible to do so without hazard. If this is impossible, withdraw from the area and let the fire burn out under controlled conditions. Withdraw immediately in case of rising sound from venting safety device of any discoloration of tank due to fire.

**SPECIAL PROTECTIVE FOR FIRE-FIGHTERS** : Body covering protective clothing, full "turn-out" gear.  
 Self-contained breathing apparatus with full face-piece operated in positive pressure mode.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES** : Wear protective clothing when taking up spill. Eliminate sources of ignition.

**ENVIROMENTAL PRECAUTIONS** : This product is insoluble in water and will float on the surface. Prevent from entering sewers of drains. Should this product enter sewers of drains, it should be pumped out into an open vessel. Emergency services may need to be called to assist in this operation.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP RECOVERY AND NEUTRALIZATION** : Floor may be slippery; use care to avoid falling.  
 : For a few amounts, wipe dry sand, sawdust or cloth etc. and collected in containers that can be sealed.  
 For high amounts, dam the slow with blanket or sandbag and recovered by vacuum etc.  
 Promptly remove all sources of ignition in the vicinity.  
 Prepare fire extinguisher in case the ignition.

**MEASURES TO PREVENT SECONDARY DISASTER**

**7. HANDLING AND STORAGE HANDLING**

**TECHNICAL MEASURE (LOCAL-VENTILATION/WHLE-VENTILATION)** : Never use pressure to empty drums. Keep drums tightly closed to prevent contamination. Residual vapors may explode on ignition; do not puncture, drill, grind, or weld near this container. Electrically bond and grand all containers and equipment before transfer or use of material. Take measures of as described in chapter "8. EXPOSURE CONTROLS / PERSONAL PROTECTION"

**CONTACT EVASION** : Avoid flame, sparks and high temperature.

**HYGIENE MEASURES** : Do not drink.  
 Put in place where it is not out of reach of children.

Do not use pressure to empty container.

**STORAGE**

- APPROPRIATE SAFEKEEPING : Normal precautions common to safe  
CONDITION manufacturing practice should be followed in  
handling and storage.  
Keep out of strong sunlight. Keep away from heat  
and flame. Keep container tightly closed. Keep  
away from strong oxidizing agents.
- PACAGING MATERIALS : Use metal or glass container. Resin containers may  
be dissolved depending on the kind.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- CONTROL LIMIT : Not set
- OCCUPATIONAL : Japan Society for Occupation Health: 3mg/m<sup>3</sup>
- EXPOSURE LIMITS : ACGIH(2007): TWA 5mg/m<sup>3</sup>
- FACILITY AND : If vapor and/or mist are generated by heating, spraying,  
EQUIPMENT MEASURES etc., wear an organic vapor respirator with a mist filter.  
No special respiratory protection is normally required.
- PERSONAL PROTECTIVE EQUIPMENT
- Respiratory protection : Although no normally required, to wear a gas mask (for  
organic gas) as necessary.
- Hand protection : Wear oil resistant gloves.
- Eye protection : Face shield or chemical splash goggles in case of  
splashing.
- Skin and body protection : If you deal with for a long time or you get wet, wear  
Oil-resistant long-sleeved clothes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical condition : Liquid
- Color : Water – white
- Odour : None
- pH : No data
- Freezing point : -24°C
- Boiling point : >230°C at STP unless specified below.
- Flash point : >120°C (Method: Cleveland open cup ASTM D92)
- Explosion properties : No data
- Vapor pressure : < 0.008hPa (0.01mmHg) at 20°C
- Specific gravity : 0.829-0.859(25°C)
- Solubility : Insoluble
- Octanol/water partition coefficient : Log POW: >6 (this product is soluble in oil)
- Autoignition temperature : No data
- Decomposition temperature : No data

**10. STABILATY AND REACTIVITY**

- REACTIVITY : No information
- STABILITY : Stable
- CONDITIONS TO AVOID : flame, sparks, high temperature, incompatible  
materials
- INCOMPATIBLE MATERIALS : Strong oxidants
- HAZARDOUS DECOMPOSITION : None

## PRODUCTS

**11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY [ORAL]	:	LD50 > 5000mg/kg (Rat) Test results are based on analogy with similar material.
ACUTE TOXICITY [SKIN]	:	Harmful effects are not expected from short periods of contact.
ACUTE TOXICITY [INHALATION]	:	Harmful effects are not expected from static vapor at ambient temperature.
SKIN CORROSION/IRRITATION	:	No evidence of harmful effects from available information.
SERIOUS EYE DAMAGE/EYE IRRITATION	:	No evidence of harmful effects from available information.
RESPIRATORY OR SKIN SENSITIZATION	:	No information
GERM CELL MUTAGENICITY	:	No data
CARCINOGENICITY	:	Not classified
REPRODUCTIVE TOXICITY	:	Not seen a decrease in the fertility. (rat: 4350mg/kg bw/day, 5day/week, 13week)
SPECIFIC TARGET ORGAN TOXICITY [SINGLE EXPOSURE]	:	No data
SPECIFIC TARGET ORGAN TOXICITY [REPEATED EXPOSURE]	:	No data
ASPIRATION HAZARD	:	Hydrocarbon (kinematic viscosity 20.5mm <sup>2</sup> /s below) Fall into GHS category 1

**12. ECOLOGICAL INFORMATION**

ECOTOXICITY	:	Fish(bluegill): LC <sub>50</sub> >10g/L (96H)
DEGRADABILITY AND PERSISTENCE	:	No data
BIOACCUMULATION POTENTIAL	:	No data
MOBILITY IN SOIL	:	No data
HARMFUL EFFECT ON THE OZONE LAYER	:	No data

**13. DISPOSAL CONSIDERATION**

THE REMAINDER WASTE	:	Disposal of the remainder to waste in accordance with local/regional/national/international regulations.
POLLUTION CONTAINER AND PACKING	:	Disposal of the remainder to waste in accordance with local/regional/national/international regulations.

**14. TRANSPORT INFORMATION  
INTERNATIONAL REGULATIONS**

UN number	:	Not applicable
Hazard class	:	Not applicable
Packing Group	:	Not applicable
Special precaution	:	Avoid impact, which causes breakage of packing.

**15. REGULATORY INFORMATION**

The evaluation of chemical substances and regulation of their manufacture, etc.( JAPAN)	:	Not applicable
Industrial Safety and Health act (JAPAN)	:	Not applicable
Fire and Disaster Management act (JAPAN)	:	Class 4 petroleum No.3 (Non-water-soluble)
Poisonous and Deleterious Substances control act (JAPAN)	:	Not applicable
Water pollution control act (JAPAN)	:	Oil discharge regulations (allowable concentration:5mg/L)
Marine pollution prevention act(JAPAN)	:	Oil discharge regulations (prohibited in principle)

**16. OTHER INFORMATION****REFERENCES**

1. Japan chemical industry association, “GHS correspondence guideline (2012)”
2. National institute of technology and evaluation, “Chemical Risk Information Platform(CHRIP)”  
<http://www.safe.nite.go.jp/japan/db.html>
3. National Institute of Health Sciences (NIHS), “International Chemical Safety Cards (ICSC) -Japanese Version-  
<http://www.nihs.go.jp/ICSC/>
4. UNITED NATIONS, “GLOVALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OG CHEMICALS (GHS) Rev.4 (2011)

All specifications are to be created based on the information we can get at this time may be revised by new knowledge.

The content, the physic-chemical property and so on are not a guaranteed-performance. Notes are usually aimed at handling. If special handling, usage, please Usage for safety measures.