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## SECTION 1: Identification of the hazardous chemical and of the supplier

**Product identifier** 

Trade name : THERMOLAST® H

Product code : TH9OGM-LCNT

Recommended use of the chemical and restrictions on use

Recommended use : Manufacture of rubber products

Manufacture of plastics products, including compounding and

conversion

Other

Restrictions on use : For industrial use only.

Manufacturer or supplier's details

Company : KRAIBURG TPE TECHNOLOGY (M) SDN BHD

Address : Lot 1839, Jalan KPB 6, Kawasan Perindustrian Balakong

43300 Seri Kembangan, Selangor, Malaysia

Telephone : +60395456393

Emergency telephone number: +60 3 9545 6393 (Only available at office times)

E-mail address : sds.apac@kraiburg-tpe.com

Company : KRAIBURG TPE GmbH & Co. KG

Friedrich-Schmidt-Str. 2 84478 Waldkraiburg

Telephone : +49863898100

Telefax : +4986389810310

E-mail address : sds.emea@kraiburg-tpe.com

Company : KRAIBURG TPE CORPORATION

Address : 4365 Hamilton Mill Rd.

Buford GA 35608

Telephone : +1(678)584-5020

E-mail address of : sds.amer@kraiburg-tpe.com



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#### **SECTION 2: Hazards identification**

### Classification of the hazardous chemical

Not a hazardous substance or mixture.

#### Label elements

Not a hazardous substance or mixture.

### Other hazards which do not result in classification

None known.

## SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Mixture

# Components

No hazardous ingredients

### **SECTION 4: First aid measures**

General advice : Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : Cool skin rapidly with cold water after contact with molten

material.

Do not peel solidified product off the skin.

In case of eye contact : Remove contact lenses.

Protect unharmed eye.

If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms

and effects, both acute and

delayed

None known.

Notes to physician : Treat symptomatically.

# **SECTION 5: Firefighting measures**

## **Extinguishing media**

# Physicochemical hazards arising from the chemical

Hazardous combustion prod- : No hazardous combustion products are known

ucts



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### Special protective equipment and precautions for fire-fighters

Special protective equipment :

for firefighters

Specific extinguishing meth-

ods

Wear self-contained breathing apparatus for firefighting if nec-

essary.

Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local cir-

cumstances and the surrounding environment.

#### **SECTION 6: Accidental release measures**

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Shovel or sweep up.

# **SECTION 7: Handling and storage**

### Handling

### Precautions for safe handling

Advice on protection against :

fire and explosion

Normal measures for preventive fire protection.

Advice on safe handling : For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

#### Storage

## Conditions for safe storage, including any incompatibilities

Conditions for safe storage : Electrical insta

Electrical installations / working materials must comply with

the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

# **SECTION 8: Exposure controls and personal protection**

# **Control parameters**

Contains no substances with occupational exposure limit values.

# Individual protection measures, such as personal protective equipment

Eye/face protection : Safety glasses

Skin protection : Work uniform or laboratory coat.

Respiratory protection : No personal respiratory protective equipment normally re-

quired.

Hygiene measures : General industrial hygiene practice.

## **SECTION 9: Physical and chemical properties**

Appearance : granular

Colour : various



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Odour : not significant

Odour Threshold : No data available

pH : substance/mixture is non-soluble (in water)

Melting point/range : No data available

Boiling point/boiling range : Decomposition

Flash point : No data available

Evaporation rate : No data available

Upper explosion limit / Upper

flammability limit

Upper explosion limit No data available

Lower explosion limit / Lower

flammability limit

Lower explosion limit No data available

Relative vapour density : No data available

Relative density : No data available

Density : 0.9 - 1,5 g/cm3

Solubility(ies)

Water solubility : practically insoluble

Partition coefficient: n-

octanol/water

Not applicable

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, kinematic : No data available

## **SECTION 10: Stability and reactivity**

Reactivity: No decomposition if stored and applied as directed.

Chemical stability: No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed. Possibility of hazardous reac- : Stable under recommended storage conditions.

tions No hazards to be specially mentioned.

Conditions to avoid : No data available Incompatible materials : Not applicable

# **SECTION 11: Toxicological information**

Information on likely routes of : None known.



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### exposure

# **Acute toxicity**

Not classified based on available information.

### Skin corrosion/irritation

Not classified based on available information.

## Serious eye damage/eye irritation

Not classified based on available information.

# Respiratory or skin sensitisation

## Skin sensitisation

Not classified based on available information.

### Respiratory sensitisation

Not classified based on available information.

## Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

## Reproductive toxicity

Not classified based on available information.

# STOT - single exposure

Not classified based on available information.

### STOT - repeated exposure

Not classified based on available information.

### **Aspiration toxicity**

Not classified based on available information.

## **Further information**

### **Product:**

Remarks : No data available

# **SECTION 12: Ecological information**

# **Ecotoxicity**

No data available

## Persistence and degradability

No data available

## **Bioaccumulative potential**

No data available

# Mobility in soil

No data available



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#### Other adverse effects

**Product:** 

Additional ecological infor-

: No data available

mation

### **SECTION 13: Disposal information**

**Disposal methods** 

Contaminated packaging : Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.

### **SECTION 14: Transport information**

### International Regulations

# Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

# Special precautions for user

Not applicable

## **SECTION 15: Regulatory information**

# Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

### **SECTION 16: Other information**

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# Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Or-



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ganisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods: vPvB - Very Persistent and Very Bioaccumulative: WHMIS - Workplace Hazardous Materials Information System

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