

according to EC directive 1907/2006

Update Date 03.12.2012 29.11.2013

Version: 1.2

TEGOMER H-SI 6440 P

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

Trade name	:	TEGOMER H-SI 6440 P
Relevant identified uses of the substance or mixture	:	Additives for plastics
Details of the supplier of the safety data sheet	:	Evonik Industries AG Consumer Specialties Goldschmidtstr. 100 45127 Essen Telephone: +4920117301 Telefax: +492011733000
Information provided by	:	Product Safety Consumer Specialties Telephone: (+49) (0) 201/ 173 2770 Telefax: (+49) (0) 201/ 173 1994
e-mail address	:	productsafety-cs@evonik.com
Emergency information	:	Telephone: (+49) (0) 201/ 173 01 Telefax: (+49) (0) 201/ 173 1854

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture Classification according to the Regulation (EC) No 1272/2008 (GHS) Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification according to directives 1999/45/EC and 67/548/EEC

No particular hazards known.

Label elements according to Regulation (EC) No 1272/2008 (GHS)

The product does not require a hazard warning label in accordance with GHS. The normal safety precautions for the handling of chemicals must be observed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization : Polyestermodified polysiloxane

No dangerous ingredients according to Regulation (EC) No. 1272/2008.



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No hazardous ingredients acc. the 1999/45/EC and 67/548/EEC directives.

4. FIRST AID MEASURES

Description of first aid measures			
General advice	:	Remove soiled or soaked clothing immediately	
After inhalation	:	Ensure supply of fresh air. In the event of symptoms seek medical advice.	
After contact with skin	:	In case of contact with skin wash off with soap and water. In the event of symptoms seek medical advice.	
After contact with eyes	:	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek medical advice.	
After ingestion	:	Thoroughly clean the mouth with water In the event of symptoms seek medical advice.	
The most important acute and delayed symptoms and effects			
Symptoms	:	No special hints.	
Indication of any immediate medical attention and special treatment needed			

5. FIRE-FIGHTING MEASURES

Treatment

Suitable extinguishing media	:	foam, carbon dioxide, dry powder, water spray.
Unsuitable extinguishing media	:	Full water jet
Special hazards arising from the substance or mixture	:	In the event of fire the following can be released: - Carbon monoxide, carbon dioxide, silicon dioxide
Advice for fire-fighters	•	Do not inhale explosion and/or combustion gases Use self-contained breathing apparatus

: Treat symptomatically.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Avoid dust formation.
Environmental precautions	:	Do not allow to enter drains or waterways Do not discharge into the subsoil/soil.
Methods and material for containment and cleaning up	:	Pick up mechanically Dispose of absorbed material in accordance with the regulations.
Reference to other sections	:	For further information on exposure monitoring and disposal see sections 8 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	:	Avoid raising dust.
General protective measures	:	Do not inhale dust/fumes/aerosols. Avoid contact with eyes and skin
Hygiene measures	:	Do not eat, drink or smoke when working. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately.
Conditions for safe storage,	, ir	cluding any incompatibilities
Advice on protection against fire and explosion	:	No special measures required.
Further information	:	Keep container tightly closed and dry

Specific end use(s)	:	No further recommendations.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

German storage class : 11

Contains no substances with occupational exposure limit values (Germany).

DNEL/DMEL values : No DNEL/DMEL values on file.



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: No PNEC values on file.

Personal protective equipment / exposure controls

Respiratory protection	:	in case of formation of vapours/dusts: Short term: filter apparatus, Filter P1
Hand protection	:	gloves made of nitril (NBR) Minimum break-through time of the glove: 480 min Glove strength: 0,2 mm
Eye protection	:	This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.
Skin and body protection	:	protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Form Colour Odour	:	Pellets white specific to the product
Smell threshold	:	not measured
Melting temperature	:	not measured
Boiling temperature	:	not measured
Flash point	:	> 120 °C Method: DIN EN ISO 2719
Evaporation rate	:	not measured
Ignition temperature	:	not measured
Autoignition temperature	:	not measured
Thermal decomposition	:	not measured
Lower explosion limit	:	not measured
Upper explosion limit	:	not measured
Vapour pressure	:	not measured
Density	:	0,80 - 0,835 g/cm3 at 20 °C



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Relative vapour density	: not measured
Water solubility	: insoluble
рН	: not measured
Partition coefficient (n- octanol/water)	: not measured
Viscosity, dynamic	: not applicable
Explosive properties	: not measured
Oxidizing properties	: not oxidizing
Metal corrosion	: Does not corrode metal.

10. STABILITY AND REACTIVITY

Reactivity	:	see section "Possibility of hazardous reactions"
Chemical stability	:	The product is stable under normal conditions.
Possibility of hazardous reactions	:	No hazardous reactions with proper storage and handling.
Conditions to avoid	:	Unknown
Incompatible materials	:	Unknown
Hazardous decomposition products	:	None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	no data available
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	no data available
Skin irritation	:	no data available
Eye irritation	:	no data available
Sensitization	:	no data available
Risk of aspiration toxicity	:	No aspiration toxicity classification



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Repeated dose toxicity	:	no data available
Judgement STOT - single exposition	:	no data available
Judgement STOT - repeated exposure	:	no data available
CMR assessment		
Carcinogenicity	:	no data available
Mutagenicity	:	no data available
Teratogenicity	:	no data available
Toxicity to reproduction	:	no data available
Remarks		Proper use provided, no adverse health effects have been observed or have been come to our knowledge.

12. ECOLOGICAL INFORMATION

Further ecological information

Remarks : The product is considered to be a weak water pollutan (German law). Do not allow to enter soil, waterways or waste water care	
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13. DISPOSAL CONSIDERATIONS

Product	:	In accordance with local authority regulations, take to special waste incineration plant
Contaminated packaging	:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

14. TRANSPORT INFORMATION

Land transport

ADR:

Not regulated

RID:



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Not regulated

Inland navigation transport

ADNR:

Not regulated

Sea transport

IMDG: Not regulated

Air transport

ICAO/IATA:

Not regulated

15. REGULATORY INFORMATION

National legislation / regulations

Comply with national and local legal regulations.

<u>Germany</u>

TA Luft (Germany)	:	Class:	Paragraph 5.2.5 (no class)
Observe local authority regulations corresponding to the german incident regulation (StörfallV).	:		
Water contaminating class	:	1 (Classific	ation acc. to German law)
Risk classification according to BetrSichV (Germany)	:		
Other regulations	:	none	
Chemical safety assessment	:	No chemica product.	I safety assessment was carried out for this

16. OTHER INFORMATION

Comply with national laws regulating employee instruction.



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Glossary ADR European Agreement concerning the International Carriage of Dangerous Goods by Road ADNR European agreement concerning the international carriage of dangerous goods by inland waterways (ADN) BCF Bioconcentration factor **BetrSchV** German Ordinance on Industrial Safety and Health carcinogenic-mutagenic-toxic for reproduction CMR DNEL Derived no effect level GLP Good Laboratory Practice IATA International Air Transport Association ICAO International Civil Aviation Organization IMDG International Maritime Dangerous Goods LOAEL Lowest observed adverse effect level LOEL Lowest observed effect level NOAEI No observed adverse effect level OECD Organisation for Economic Cooperation and Development PBT Persistent, bioaccumulative, toxic PNEC Predicted no effect concentration RID Convention concerning International Carriage by Rail **Technical Instructions** ΤA TRGS Technical Rules for Hazardous Substances VCI German chemical industry association vPvB very persistent, very bioaccumulative VOC volatile organic compounds VwVwS German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes WGK Water Hazard Class half maximal effective concentration EC50 STOT Specific Target Organ Toxicity OEL Occupational Exposure Limit PEC Predicted effect concentration NOEC no observed effect concentration NOEL no observed effect level ISO International Organization For Standardization DIN German Institute for Standardization

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

Changes compared to the previous version are marked before the section number!