Revision:	27.	10.2011	
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Printing date 02.07.2013	Revi	ision: 27.10.2011
SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1 Product identifier Trade name Stock number: CAS Number: 1.2 Relevant identified uses of the substance Identified use:	Polyethylene glycol dimethacrylate, M.W. 8,000 46985 25852-47-5 e or mixture and uses advised against. SU24 Scientific research and development	
1.3 Details of the supplier of the safety data s Manufacturer/Supplier:	Alfa Aesar GmbH & Co.KG A Johnson Matthey Company Zeppelinstr. 7b 76185 Karlsruhe / Germany Tel: +49 (0) 721 84007 280 Fax: +49 (0) 721 84007 300 Email: tech@alfa.com www.alfa.com	
Informing department: 1.4 Emergency telephone number:	www.ana.com Product safety Tel + +049 (0) 7275 988687-0 Carechem 24: +44 (o) 1235 239 670 (Multi-language emergency number) Poison Information Center Mainz www.giftinfo.uni-mainz.de Telephone: +49(0)6131/19240	
SECTION 2: Hazards identification 2.1 Classification of the substance or mixtur Classification according to Regulation (EC) I		
GHS07		
Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation STOT SE 3 H335 May cause respiratory irritat	tion.	
Classification according to Directive 67/548/		
R36/37/38: Irritating to eyes, respiratory syste Information concerning particular hazards for human and environment: Other hazards that do not result in classification	em and skin. Not applicable No information known.	
2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms Signal word	The substance is classified and labelled according to the CLP regulation. GHS07 Warning	
Hazard statements	H315 Causes skin irritation. H319 Causes serious eye irritation.	
Precautionary statements	H335 May cause respiratory irritation. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove conta present and easy to do. Continue rinsing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see on this label). P405 Store locked up.	
	P501 Dispose of contents/container in accordance with local/regional/national/inte regulations.	rnational
2.3 Other hazards Results of PBT and vPvB assessment PBT: vPvB:	Not applicable. Not applicable.	
SECTION 3: Composition/information o	on ingredients	
3.1 Substances CAS# Designation:	25852-47-5 Polyethylene glycol dimethacrylate	
SECTION 4: First aid measures 4.1 Description of first aid measures After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if s persist.	symptoms
After skin contact	Seek immediate medical advice. Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.	
After eye contact After swallowing 4.2 Most important symptoms and effects, both coute out dalayed	Rinse opened eye for several minutes under running water. Then consult doctor. Seek medical treatment.	
both acute and delayed 4.3 Indication of any immediate medical attention and special treatment needed	No further relevant information available. No further relevant information available.	
SECTION 5: Firefighting measures		
5.1 Extinguishing media Suitable extinguishing agents 5.2 Special bacardo quicing from the	CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foan	n.
5.2 Special hazards arising from the substance or mixture	If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide	
5.3 Advice for firefighters Protective equipment:	Wear self-contained breathing apparatus. Wear full protective suit.	
SECTION 6: Accidental release measure	es	
6.1 Personal precautions, protective equipment and emergency procedures	Wear protective equipment, Keep unprotected persons away.	
6.2 Environmental precautions:	Ensure adequate ventilation Do not allow material to be released to the environment without proper governmental permits. Do not allow product to reach sewage system or water bodies. Do not allow to enter the ground/soil.	
6.3 Methods and material for containment and cleaning up: Prevention of secondary hazards:	Ensure adequate ventilation. No special measures required.	(Contd. on page 2)
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4. Reference to other sections See Section 7 for information on safe handling See Section 7 for information about protection against sections for asis storage for information about storage Sections of the section of the	de name Polyethylene glycol dimeth	nacrylate, M.W. 8,000
64. Reference to other sections 64. Reference to other sections 65. Section 7 for information on value handling 65. Control 7: Handling and storage 71. Preclutions for safe handling 72. Preclutions for safe handling 73. Section 74. Section 7		(Contd. of t
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Further information about storage conditions:	storage facility:	Store in the dark. Protect from heat.
SECTION 8: Exposure controls/personal protection Additional information about design of Additional information about design of Status	Further information about storage conditions:	Store under dry inert gas.
SECTION 8: Exposure controls/personal protection Additional information about design of Additional information about design of S1 Control parameters Components with critical values that require Additional information: Additional information: Additional information: S2 Exposure controls Personal protective equipment General protective equipment: Personal protective equipment: Protection of hands: Charlen equipment: Protection of hands: <		Store in neezel (-20 C). Keep container tightly sealed. Store in cool, dry conditions in well sealed containers. Protect from humidity and keep away from water. Protect from the effects of light
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10.1 Reactivity No information known.	SECTION 10: Stability and reactivity	
		No information known.

rade name Polyethylene glycol dimethad	crylate MW 8.000
rade name Forgerryiene grycor dimethad	
10.2 Chemical stability	Stable under recommended storage conditions. (Contd. of page 2)
Thermal decomposition / conditions to be avoided:	No decomposition if used and stored according to specifications.
10.3 Possibility of hazardous reactions 10.5 Incompatible materials:	No dangerous reactions known Water/moisture
	Oxidizing agents Free radical initiators
	Heat Light
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide
SECTION 11: Toxicological information	
11.1 Information on toxicological effects Acute toxicity:	No effects known.
LD/LC50 values that are relevant for classification:	No data
Skin irritation or corrosion: Eye irritation or corrosion:	Causes skin irritation. Causes serious eye irritation.
Sensitization: Germ cell mutagenicity:	No sensitizing effect known. No effects known.
Carcinogenicity:	No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.
Reproductive toxicity: Specific target organ system toxicity -	No effects known.
repeated exposure: Specific target organ system toxicity - single	No effects known.
exposure: Aspiration hazard:	May cause respiratory irritation. No effects known.
Additional toxicological information:	To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.
SECTION 12: Ecological information 12.1 Toxicity	
Aquatic toxicity:	No further relevant information available.
12.2 Persistence and degradability 12.3 Bioaccumulative potential 12.4 Mobility in soil	No further relevant information available. No further relevant information available. No further relevant information available.
Additional ecological information: General notes:	Do not allow material to be released to the environment without proper governmental permits.
General notes.	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Avoid transfer into the environment.
12.5 Results of PBT and vPvB assessment	Avoid transfer into the environment.
PBT: PBT: VPVB:	Not applicable.
12.6 Other adverse effects	Not applicable. No further relevant information available.
SECTION 13: Disposal considerations	
13.1 Waste treatment methods Recommendation	Hand over to disposers of hazardous waste.
	Must be specially treated under adherence to official regulations. Consult state, local or national regulations for proper disposal.
Uncleaned packagings: Recommendation:	Disposal must be made according to official regulations.
SECTION 14: Transport information	
UN-Number ADR, ADN, IMDG, IATA	Not applicable
ADR, ADN, IMDG, IATA 14.2 UN proper shipping name ADR, ADN, IMDG, IATA	
ADR, ADN, IMDG, IATA [–] 14.3 Transport hazard class(es)	Not applicable
ADR, ADN, IMDG, IATA	
Class Packing group	Not applicable
Packing group ADR, IMDG, IATA	Not applicable
14.5 Environmental hazards: 14.6 Special precautions for user	Not applicable. Not applicable.
14.7 Transport in bulk according to Annex II	of MARPOL73/78 and the IBC
Code UN "Model Regulation":	Not applicable.
SECTION 15: Regulatory information 15.1 Safety, health and environmental regulation	tions/legislation specific for the substance or mixture
Australian Inventory of Chemical Substances	Substance is listed.
Standard for the Uniform Scheduling of Drugs and Poisons	Substance is not listed.
National regulations Information about limitation of use:	
	Employment restrictions concerning young persons must be observed. For use only by technically qualified individuals.
Water hazard class: Other regulations, limitations and prohibitive	Water hazard class 1 (Self-assessment): slightly hazardous for water. regulations
ELINCS (European List of Notified Chemical Substances)	Substance is not listed.
Substances of very high concern (SVHC) according to REACH, Article 57	Substance is not listed.
REACH - Pre-registered substances 15.2 Chemical safety assessment:	Substance is listed. A Chemical Safety Assessment has not been carried out.
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Revision: 27.10.2011

Trade name Polyethylene glycol dimethacrylate, M.W. 8,000

this information to ensure proper use and prote	a supplement to other information gathered by them, and should make independent judgement of suitability of ct the health and safety of employees. This information is furnished without warranty, and any use of the product ta Sheet, or in combination with any other product or process, is the responsibility of the user.
Department issuing data specification sheet Abbreviations and acronyms:	Health, Safety and Environmental Department. RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organization ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDE: International AirTime Code for Dangerous Goods IATA: International AirTime Code for Dangerous Goods IATA: International Abstracts Service (division of the American Chemical Society) ICAO: Letter of Constructions of the American Chemical Society)

CAS: Chemical Abstracts Service (divisi LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent (Contd. of page 3)

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