

SAFETY DATA SHEET



Product name:	EUKITT	Page:	1/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name: EUKITT
Cat. No. 41000004

Container size: 500 ml

Relevant identified uses of the substance or mixture and uses advised against

Application: Adhesive.

Details of the supplier of the safety data sheet

Supplier: Struers A/S
Pederstrupvej 84
DK-2750 Ballerup
Tel:+45 44 600 800

Responsible for material safety data sheet authoring: Responsible for material safety data sheet authoring: DHI
Any questions to the contents of this material safety data sheet should be sent to:
Lisbeth.Mygind@struers.dk

Emergency telephone number

Emergency telephone: Infotrac:
1-800-535-5053
Struers US:
1-440-871-0071

SAFETY DATA SHEET

Product name:	EUKITT	Page:	2/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

The product is classified:

67/548/EEC / 1999/45/EC: R10 Xn;R20/21 Xi;R38

GHS: Flam. Liq. 3;H226 - Acute Tox. 4;H312 - Acute Tox. 4;H332 - Skin Irrit. 2;H315 (*)

Label elements

(*)



Warning

Contains:

Xylene

H226

Flammable liquid and vapour.

H312 + H332

Harmful in contact with skin or if inhaled.

H315

Causes skin irritation.

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P271

Use only outdoors or in a well-ventilated area.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P304 + P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312

Call a poison center/doctor if you feel unwell.

P501

Dispose of contents/container in accordance with local regulations.

NFPA Rating: Health:2 Fire:3 Reactivity:0 Other:-

Other hazards

Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. The product contains a substance which has a photochemical ozone creation potential. (*)

PBT/vPvB: Not relevant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

The product contains: organic solvent and resin.

67/548/EEC:

%:	CAS-No.:	EC No.:	REACH Reg. No:	Chemical name:	Hazard classification:	Notes:
60-100	1330-20-7	215-535-7	-	Xylene	R10 Xn;R20/21 Xi;R38	C
30-60	-	-	-	Acrylic resin	-	

SAFETY DATA SHEET

Product name:	EUKITT	Page:	3/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

GHS:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
60-100	1330-20-7	215-535-7	-	Xylene	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	C
30-60	-	-	-	Acrylic resin	-	

References: The full text for all R-phrases and hazard statements are displayed in section 16.

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

Most important symptoms and effects, both acute and delayed

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Not known.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

Special hazards arising from the substance or mixture

Specific hazards: When heated and in case of fire, harmful vapors/gases may be formed.

Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SAFETY DATA SHEET

Product name:	EUKITT	Page:	4/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of vapors and contact with skin and eyes. Do not smoke or use open fire, or other sources of ignition.

Environmental precautions

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Spill Cleanup Methods: Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material.

Reference to other sections

References: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Safe handling advice: Avoid inhalation of vapors and contact with skin and eyes. Do not smoke or use open fire, or other sources of ignition. Observe good chemical hygiene practices.

Technical measures: Work practice should minimize contact.

Technical precautions: Local exhaust is recommended.

Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: Follow rules for flammable liquids.

Storage conditions: Store in a cool and well-ventilated place. Avoid contact with oxidizing agents.

Specific end use(s)

Specific use(s): Not relevant.

SAFETY DATA SHEET

Product name:	EUKITT	Page:	5/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>	<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
1330-20-7	Xylenes, all isomers	-	100 ppm 435 mg/m3	TWA	-	OSHA
1330-20-7	Xylene (o, m & p isomers)	-	100 ppm	TWA	A4; BEI	ACGIH
		-	150 ppm	STEL	A4; BEI; 15min	

Notes: A4: Not Classifiable as a Human Carcinogen.

Exposure controls

Engineering measures:

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors. Provide easy access to water supply or an emergency shower.

Personal protection:

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment:

In case of inadequate ventilation: Use respiratory equipment with gas filter, type A2.

Hand protection:

Wear protective gloves. Lamine (PE/EVOH) gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection:

Risk of splashes: Wear goggles/face shield.

Skin protection:

Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls:

Not available.

SAFETY DATA SHEET

Product name:	EUKITT	Page:	6/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: colorless liquid

Odor: of solvents

pH: Not available.

Boiling point: 137°C

Flash point: 23°C

Explosion limits: 1-7% (Xylene)

Vapor pressure: 7 mmHg

Relative density: 0,95

Solubility: insoluble in water
Soluble in: Ethanol

Other information

Other data: Volatile Organic Compound (VOC): 570 g/l (calculated)

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Reactivity: None known.

Chemical stability

Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions

Hazardous Reactions: None known.

Conditions to avoid

Conditions/materials to avoid: Avoid contact with oxidizing agents.

Incompatible materials

Incompatible materials: None known.

Hazardous decomposition products

Hazardous decomposition products: None in particular.

SAFETY DATA SHEET

Product name:	EUKITT	Page:	7/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhalation: Harmful if inhaled. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. (*)

Skin contact: Harmful in contact with skin. Causes skin irritation. The product contains xylene which may penetrate the skin. (*)

Eye contact: Splashes may irritate.

Ingestion: May irritate and cause malaise.

Specific effects: Frequent inhalation of even small concentrations may cause irritability, fatigue, memory failure and in time permanent damage to the nervous system, including the brain, and possibly liver and kidneys, too.

Carcinogenicity:
National Toxicology Program (NTP): No.
I.A.R.C. Monographs: No.
OSHA: No.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity: The product contains a substance which has a photochemical ozone creation potential.

Persistence and degradability

Degradability: The degradability of the product has not been stated.

Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil

Mobility: No data available.

Results of PBT and vPvB assessment

PBT/vPvB: Not relevant.

Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code: 16 05 08

SAFETY DATA SHEET

Product name:	EUKITT	Page:	8/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 14: TRANSPORT INFORMATION

UN number

UN-No: 1866

UN proper shipping name

Proper Shipping Name: RESIN SOLUTION

Additional IMDG information:

EmS: F-E, S-E

MFAG: 1

Transport hazard class(es)

Class: 3

Packing group

PG: III

Environmental hazards

Marine pollutant: No.

Environmentally Hazardous substance: No.

Special precautions for user

Special precautions: None known.

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

Transport in bulk: Not relevant.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: TSCA: Listed.

National regulation: Europe/USA:
This Material Safety Data Sheet has been prepared according to the EU-regulation.
Threshold Limit Values (2014), ACGIH, by the American Conference on Governmental Industrial Hygienists.
The Code of Federal Regulation, Title 29, part 1910. Occupational Safety and Health Standards, Air contaminants (OSHA), with amendments.

Chemical Safety Assessment

CSA status: Not relevant.

SAFETY DATA SHEET

Product name:	EUKITT	Page:	9/9
Revision Date:	2014-09-24	Print date:	2014-09-24
Document No.:	M0035	SDS-ID:	US-EN/14.0

SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 2, 11.

The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Allan Vorup

Additional information:

Classification according to Regulation (EC) No. 1272/2008:
Calculation method.

Wording of H-statements:

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.
H226	Flammable liquid and vapour.
H312	Harmful in contact with skin.
H312 + H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H332	Harmful if inhaled.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.