

Material Safety Data Sheet (ANSI Z400.1-2004)



Printed 04.10.2012

Revision 04.10.2012 (Can) Version 1.2

Flex 310 M Crystal, Adhesive and Sealant, transparent

01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product trade name Flex 310 M Crystal, Adhesive and Sealant, transparent
Product code 133080
Chemical family 1-Component Adhesive and Sealant, permanently elastic
Product use Sealant
Manufacturer Weicon GmbH & Co. KG
Königsberger Straße 255,
D-48157 Münster
Telephone: +49 (0) 251 / 9322 - 0
Telefax: +49 (0) 251 / 9322 - 244
e-mail: info@weicon.de
Internet : www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier WEICON Inc.
20 Steckle Place, Unit 20
Kitchener, Ontario N2E 2C3
Telephone: 519 896 5252
Telefax: 519 896 5254
e-mail: info@weicon.ca

Emergency advice 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

02 HAZARDS IDENTIFICATION

Emergency overview No hazard warning required.
Potential Health Effects No hazard warning required.
Routes of entry Skin and eye contact and inhalation
Carcinogenicity NTP:No IARC:No OSHA:No
WHMIS Classification Not regulated as a controlled product.

03 COMPOSITION / INFORMATION ON INGREDIENTS



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Component	CAS#	% by wt.
Trimethoxyvinylsilane	2768-02-7	<10
3-(trimethoxysilyl) propylamine	13822-56-5	<20
Dibutylbis(pentane-2,4-dionato-O,O') tin	22673-19-4	<1

Not classified as a dangerous preparation by the workplace regulations.

04 FIRST AID MEASURES

Skin	Remove contaminated clothing immediately. Immediately wash affected skin areas with plenty of water. Consult a doctor if irritation persists.
Eyes	Wash eyes immediately with large amounts of water for several minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.
Ingestion	Do not induce vomiting. Drink plenty of water and get medical attention immediately.
Inhalation	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.

05 FIRE AND EXPLOSION DATA

Flashpoint	>240 °C
Extinguishing media	Foam, dry powder, carbon dioxide, water spray
Extinguishing media not to be used for safety reasons	None known
Special hazards during fire fighting	Do not inhale fire combustion gases or smoke.
Hazardous combustion products	Emits toxic fumes under fire conditions. Carbon monoxide (CO), carbon dioxide (CO ₂), nitrous gases (NO _x) and hydrochloric gas (HCl)
Special fire-fighting procedures	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet. Fire runoff and contaminated water must be contained and eliminated according to the local regulations.

06 ACCIDENTAL RELEASE MEASURES



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Spill and leak procedures	Wear appropriate personal protective equipment and appropriate respiratory protection against vapors, dust or aerosols. Pick up mechanically and place in suitable containers for disposal.
Pollution control measures	Do not allow untreated product into drains, surface or ground water.

07 HANDLING AND STORAGE

Handling	Take the usual precautions for handling chemicals and fire protection. Ensure thorough room ventilation.
Storage	Keep container tightly closed and store in a cool and aired space. Do not store together with food. Protect from frost, from heat and direct solar radiation. Protect from humidity and water. Storage life is up to 12 months.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

Skin protection	Use protective clothing to prevent skin contact. Wear natural latex rubber gloves; 0.6mm; 480 min.; 60 min. In cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.
Eye protection	Use of safety glasses with side shields is recommended.
Respiratory protection	If ventilation is insufficient, wear respiratory protection.
General Protection and Hygiene measures	Do not inhale gases/vapors/aerosols. Remove soiled or soaked clothing immediately. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Pasty	Physical form	Paste
Color	Colorless, clear	Odor	characteristic



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pH	Not determined
Flash point	>240 °C
Lower explosion limit	Not determined
Upper explosion limit	Not determined
Density	1.04 g/cm ³ , 20 °C
Solubility in water	Practically insoluble
Other solubility	Soluble in most organic solvents

10 STABILITY AND REACTIVITY

Chemical stability	Stable, no decomposition occurs if used as directed.
Hazardous decomposition products	Carbon monoxide and carbon dioxide. Nitrous gases (NO _x) and hydrochloric acid (HCl).
Polymerization	None
Incompatibilities	Keep away from heat and humidity

11 TOXICOLOGICAL INFORMATION

Eye irritation	Slight irritant – no warning labels required
General experience	Ingestion can cause nausea and diarrhea.

12 ECOLOGICAL INFORMATION

Biodegradation	Not determined
Additional information	Do not release untreated product into the environment. Do not discharge into surface waters.

13 DISPOSAL CONSIDERATIONS

Product disposal	Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.
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14 TRANSPORT INFORMATION

TDG / DOT shipping name	Not regulated
Marine transport IMDG	Not regulated
Air transport ICAO/IATA	Not regulated

15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

USA TSCA status	All of the components are on the TSCA Inventory.
Canadian DSL status	All of the components are listed on the DSL Inventory.
SARA Title III	To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.
VOC content	4%, 0.009 g/L

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

16 OTHER INFORMATION

Further information	Federal and local chemical regulations should be observed.
WHMIS HAZCOM Label	Not required

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.