



SAFETY DATA SHEET according to 91/155/CEE

GASKET-SEALANT

Reference : 4.53
Date : 14/12/06
Revision : 003

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product name : GASKET-SEALANT
Intended use : Acetoxy silicone sealant based on polydimethylsiloxanes
Name and full address of company : DEN BRAVEN FRANCE s.a.r.l. – ZI Le Meux – 60881 Le Meux Cedex
Telephone : Tel + 33 (0) 3 44 91 68 68 Fax : + 33 (0) 3 44 91 68 95
Emergency telephone number : INRS : 01.45.42.59.59

2. COMPOSITION / INFORMATIONS ON INGREDIENTS

Dangerous ingredients	CAS Number	% - Weight	Symbols	R Phrases
Ethyltriacétoxysilane	17689-77-9	1-5 %	C	14-34

3. HAZARDS IDENTIFICATION

Hazards for health : May produce irritation to eyes and skin
Hazard for environment : PA

4. FIRST AID MEASURES

General : In all cases of doubt , or when symptoms persist , seek medical attention . Never give anything by mouth to an unconscious person
Eye contact : irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
Ingestion : If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
Inhalation : Remove to fresh air , keep patient warm and at rest . If breathing is irregular or stopped , administer artificial respiration . Give nothing by mouth . If unconscious place in recovery position and seek medical advice
Skin contact : Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners

5. FIRE FIGHTING MEASURES

recommended extinguishing media : water spray , CO₂ powders, foam
Not to be used : waterjet
Particularities : Use an appropriate breathing apparatus. Cool closed containers exposed to fire with water

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions : Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations
Clean up procedure : Collect mechanically the preparation and place in container.
Personal precautions : Wear an appropriate equipment as described in § 8.

7. HANDLING AND STORAGE

Handling : Avoid skin and eye contact and the inhalation of vapours . Comply with the health and safety at work laws .
Storage : Store in a dry , well ventilated area , between +5 and +25°C and place away from sources of heat and direct sunlight. Keep away from oxidising agent , from strongly acid materials as well as amines. No smoking . Prevent unauthorised access . Containers which are opened must be carefully resealed .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Names	VME (8h/j)		VLE (15min)	
	ppm	mg/m3	ppm	mg/m3
Acetic acid	10	25	15	37

Respiratory protection : Do not inhale vapours. Provide adequate ventilation.
Eye and skin protection : Avoid skin/eye contact. Use safety eyewear , neoprene gloves and closed protective clothing
Protection during working : Smoking , eating , drinking are prohibited in application area Wash hands after working . Do not touch eyes with dirty hands .

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Paste	Flash point	: >61 °C
Colour	: Red	Solubility in water	: No ; reaction
Odour	: Acetic	Solubility in organic solvents	: Partly
Density	: 1.03 g/ml	VOC contents	: 0 % weight

10. STABILITY AND REACTIVITY

The preparation is stable under recommended storage and handling conditions (see § 7).

Hazardous decomposition products : During polymerisation : Acetic acid
In case of fire : smoke, carbon oxides , formaldehyde

11. TOXICOLOGICAL INFORMATION

Information product There are no data available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 99/45/EEC and classified not dangerous. Repeated or prolonged contact with the preparation may cause non-allergic contact dermatitis and absorption through the skin . The paste splashed in the eyes may cause irritation and reversible damage .

Ethyltriacétoxysilane

Acute oral LD50 rat (mg/kg)	2415
Acute dermal LD50 rabbit (mg/kg)	PA
Acute inhalation LC50 rat (mg/l/4h)	PA

12. ECOLOGICAL INFORMATION

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive (1999/45/EC) and classified not dangerous for environment . The product should not be allowed to enter drains or water courses.

13. DISPOSAL INFORMATION

In accordance with federal, national and local legislation .

Disposal code : 080409

14. TRANSPORT INFORMATION

Transport only in accordance with ADR for road , RID for rail , IMDG for sea and IACO/IATA for air transport . Exempted of transport classification .

15. REGULATORY INFORMATION

In accordance with 67/548/CE et 99/45/CE :

Danger classification : PA

Contain : PA

Phrase R : PA

Phrase S : PA

16. OTHERS INFORMATIONS

Professional table : PA

Text of R phrases in §2 : 14 : Reacts violently with water.

34 : Causes burns.

Modified sections in this revision 9,10

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product : it is not to be considered as a guarantee of the products' properties.

I = Unknown

PA = Not concerned

SF = Secret of process