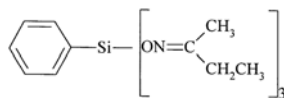


OS[®] 9000 Crosslinking Agent

Product Stewardship Summary December 2008



Chemical Name:	Phenyl oximino silane
Chemical Category (if applicable):	Oxime silane
Synonyms:	OS 9000; Phenyl tris (methyl ethyl ketoximino) silane; PHOS; 2-Butanone, O, O', O'' (Phenyl Silylidyne) Trioxime
CAS Number:	34036-80-1
CAS Name:	Phenyl tris (methyl ethyl ketoximino) silane
EC (EINECS) Number:	433-360-6
Other identifier (Please specify):	GPS0021 V1.0

- OS[®] 9000 Crosslinking Agent (OS 9000) is an essential crosslinking agent used in the production of silicone sealants, coatings and adhesives. It is reacted and consumed during use.
- Workplace exposure to OS 9000 vapors and liquid may occur at sites of mixing, drumming and filling of containers, at transfer locations, and at sites of production of silicone sealants. However, significant OS 9000 exposures to workers are unlikely because closed-systems are used in the workplace. Consumers are not expected to be exposed to OS 9000 because it is consumed during use.
- OS 9000 can easily hydrolyze to release methyl ethyl ketoxime ([MEKO](#)). For use of MEKO in worksite safety programs, Honeywell has established an occupational exposure limit (OEL) of 3 ppm as an 8 hr time-weighted average (TWA) and a short-term exposure limit (STEL) of 10 ppm.
- OS 9000 is a clear colorless to pale yellow combustible liquid.
- OS 9000 is slightly toxic in the unlikely event it's swallowed. It is an irritant to the skin and eyes, and may have potential to cause skin sensitization. If the skin is exposed for an extended period, it may be absorbed through the skin and cause harmful, but reversible effects on the blood (anemia). Breathing high concentrations of OS 9000 may cause harmful, but reversible, effects on the blood and irritate nasal passages.
- Long-term or repeated exposure to high concentrations of OS 9000 may cause harmful effects on the blood (anemia) and irritate nasal passages, but these effects are reversible and not considered serious.

This product stewardship summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to provide an in-depth discussion of all health and safety information. Additional information on the chemical is available through the applicable Material Safety Data Sheet which should be consulted before use of the chemical. The product stewardship summary does not supplant or replace required regulatory and/or legal communication documents. Statements concerning use of our products are made without warranty that any such use is free of patent infringement and are not recommendations to infringe any patent.

- The cancer risk for OS 9000 is low.
- OS 9000 is considered harmful to aquatic organisms, but it does not pose an immediate concern for the aquatic environment because there will not be any direct emissions to waterways as a result of its proposed use process.
- OS 9000 is not expected to bioaccumulate because measured physico-chemical and toxicological data suggest that OS 9000 is rapidly hydrolyzed to MEKO which is absorbed, distributed and eliminated in the body. MEKO is biodegradable and will not persist in the environment.
- This chemical was reviewed by authorities in the European Union, Canada, and by the U.S. Environmental Protection Agency under their new chemical assessment regulations prior to commercial sales.
- Please [contact us](#) for more information.

