



# Material Safety Data Sheet

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## Caulks, Spackling Compounds, Fillers & Sealants - 3

## CAULK/3

— Section 2 —		ACGIH	OSHA	Vapor	C-50	C-66	C-70	C-77	C-86	C-98	C-99	p e r c e n t  b y w e i g h t
CAS No.	Hazardous Ingredients (percent by weight)	TLV <STEL>	PEL <STEL>	Pressure (mm Hg)	Spackling Paste	Glazing Compound	Spackling & Glazing Cmpd	Shrink-Free Spackling	Carpenter's Wood Filler	Multipurpose FI Adhesive	Nail Patch	
64742-89-8	V. M. & P. Naphtha.	300	300 <400>	12.0			5					
64742-88-7	Medium Aliphatic HC Solvent.	Not Established		2.0						1		
64742-88-7	Mineral Spirits.	100	100	2.0			5			3		
108-05-4	§ Vinyl Acetate.	10	10	100.0				0.2				
107-21-1	§ Ethylene Glycol.	C 50	50	0.1							2	
8012-95-1	Paraffin Oil	5	5	Mg/M3 as Mist						3		
64742-65-0	Refined Naphthenic Oil	5	5	Mg/M3 as Mist		5						
9036-19-5	Octylphenoxypoly(ethoxy)ethanol	Not Established									1	
14808-60-7	Quartz	0.1	0.1	Mg/M3 as Resp. Dust					15			
14807-96-6	Talc	2	2	Mg/M3 as Resp. Dust		5						
1332-58-7	Kaolin	2	5	Mg/M3 as Resp. Dust					10	25		
471-34-1	Calcium Carbonate.	10	15[5]	Mg/M3 [Resp. Fraction]	73	85			36			
7727-43-7	Barium Sulfate.	10	10[5]	Mg/M3 [Resp. Fraction]			2 - 3					
	[% Barium] - max						[2]					
	§ Zinc Compound. [% Zinc]						2 [1]					
	Weight per Gallon (lbs.)				15.56	18.30	12.90	4.46	13.68	9.64	4.40	
	Percent Water				20.2	0.0	20.0	61.5	18.7	37.6	48.3	
	pH				11.6	N.Ap.	N.Av.	8.0	7.0	9.0	N.A.	
	VOC (Volatile Organic Compounds) Total - lbs./gal.				0.14	0.13	1.13	0.00	0.00	0.45	0.06	
	VOC Less Water & Federally Exempt Solvents - lbs./gal.				0.23	0.13	1.81	0.00	0.00	0.80	0.09	
	Photochemically Reactive				No	No	No	No	No	No	No	
	Flash Point (°F)				None	>200	>200	None	None	>200	>200	
	DOL Storage Category				N.Ap.	3B	3B	N.Ap.	N.Ap.	3B	N.Ap.	
	HMIS (NFPA) Rating (health - flammability - reactivity)				0 - 0 - 0	1 - 1 - 0	1 - 1 - 0	1 - 0 - 0	1* - 0 - 0	2 - 0 - 0	3 - 0 - 0	

§ Ingredient subject to the reporting requirements of the Superfund Amendments and Reauthorization Act (SARA) Section 313, 40 CFR 372.65 C

**Section 3 — Physical Data**

<i>PRODUCT WEIGHT</i>	See TABLE	<i>EVAPORATION RATE</i>	Slower than Ether
<i>SPECIFIC GRAVITY</i>	0.54-2.20	<i>VAPOR DENSITY</i>	Heavier than Air
<i>BOILING RANGE</i>	212-700 °F	<i>MELTING POINT</i>	N.A.
<i>VOLATILE VOLUME</i>	1-33 %	<i>SOLUBILITY IN WATER</i>	N.A.

**Section 4 — Fire And Explosion Hazard Data**

<i>FLAMMABILITY CLASSIFICATION</i>	<i>FLASH POINT</i>	See TABLE	<i>LEL</i>	N.Ap.	<i>UEL</i>	N.Ap.
Not Applicable						
<i>EXTINGUISHING MEDIA</i>						
Carbon Dioxide, Dry Chemical, Alcohol Foam						
<i>UNUSUAL FIRE AND EXPLOSION HAZARDS</i>						
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat.						
<i>SPECIAL FIRE FIGHTING PROCEDURES</i>						
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.						

**Section 5 — Health Hazard Data**

*ROUTES OF EXPOSURE*  
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

**ACUTE Health Hazards***EFFECTS OF OVEREXPOSURE*

Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

*SIGNS AND SYMPTOMS OF OVEREXPOSURE*

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

*MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE*

None generally recognized.

*EMERGENCY AND FIRST AID PROCEDURES*

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.  
If on SKIN: Wash affected area thoroughly with soap and water.  
Remove contaminated clothing and launder before re-use.  
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.  
If SWALLOWED: Get medical attention.

**CHRONIC Health Hazards**

Vinyl Acetate, listed by IARC, caused respiratory tract tumors in laboratory animals breathing high levels during lifetime exposure studies. The significance to typical human exposures has not been determined.

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Rats exposed to titanium dioxide dust at 250 mg./m<sup>3</sup> developed lung cancer, however, such exposure levels are not attainable in the workplace.

**Section 6 — Reactivity Data**

*STABILITY* — Stable

*CONDITIONS TO AVOID*

None known.

*INCOMPATIBILITY*

None known.

*HAZARDOUS DECOMPOSITION PRODUCTS*

By fire: Carbon Dioxide, Carbon Monoxide

*HAZARDOUS POLYMERIZATION* — Will Not Occur

**Section 7 — Spill Or Leak Procedures***STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*

Remove all sources of ignition. Ventilate and remove with inert absorbent.

*WASTE DISPOSAL METHOD*

Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

**Section 8 — Protection Information***PRECAUTIONS TO BE TAKEN IN USE*

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

These products may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m<sup>3</sup> (total dust), 3 mg./m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg./m<sup>3</sup> (total dust), 5 mg./m<sup>3</sup> (respirable fraction).

*VENTILATION*

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

*RESPIRATORY PROTECTION*

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

*PROTECTIVE GLOVES*

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

*EYE PROTECTION*

Wear safety spectacles with unperforated sideshields.

**Section 9 — Precautions**

*DOL STORAGE CATEGORY* -- See TABLE

*PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING*

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

**Section 10 — Other Regulatory Information***CALIFORNIA PROPOSITION 65*

WARNING: C-50, C-77, C-86, C-98 contain a chemical known to the State of California to cause cancer. C-99 contains chemicals known to the State of California to cause cancer.

*TSCA CERTIFICATION*

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.