

DEALSEAL A & A-120**SECTION 1 – GENERAL INFORMATION**

1.1 MANUFACTURER:	Deal International Inc. P.O. Box 20144; Rochester, NY 14602
TELEPHONE:	(585) 288-4444
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SECTION 2 – CHEMICAL IDENTIFICATION (OSHA HAZARDOUS COMPONENTS)

2.1 COMPOSITION: Fluid mix polydimethylpolysiloxanics, fillers and acetate-based cross linking agents

CAS NO.	INGREDIENTS	WT%
7631-86-9	SILICA, AMORPHOUS	8-10%
4253-34-3	METHYLTRACETOXYSILANE	<5
17689-77-9	ETHYLTRACETOXYSILANE	2

2.2 DANGEROUS COMPOUNDS: None

2.3 SPECIFIC RISKS (NFPA): Combustible

Health – 1 Flammability – 1 Reactivity - 0

SECTION 3 – EFFECTS OF OVER EXPOSURE

3.1 ACUTE EFFECTS:

- EYE - Direct contact irritates with redness and swelling.
- SKIN - Exposure to skin may irritate.
- INHALATION - Vapor exposure may irritate eyes, nose & throat.
- ORAL - Small amounts do not injure. Large amounts may injure slightly.

3.2 REPEATED EXPOSURE:

- SKIN - May irritate moderately.
- INHALATION - May injure blood, liver, and may irritate eyes, nose and throat.

3.3 SPECIAL HAZARD:

- CARCINOGENS - None Known
- TERATOGENS – None Known
- MUTAGENS – None Known
- REPRODUCTIVE TOXINS – None Known

NOTE: Cured sealant is non hazardous.

SECTION 4 – FIRST AID MEASURES

- 4.1 EYES:** Flush with water for 15 minutes and seek medical attention.
- 4.2 SKIN:** Remove from skin mechanically. If irritation persists, seek medical attention.
- 4.3 INHALATION:** Remove affected person to fresh air. If ill persist seek medical attention.
- 4.4 ORAL:** Seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 FLASH POINT: N/A	
5.2 EXPLOSION LIMIT: higher -- lower --	
5.3 SPECIAL FIRE FIGHTING PROCEDURE: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If a large amount is involved, evacuate area.	
5.4 THERMAL DECOMPOSITION: No decomposition.	
5.5 DANGEROUS PRODUCTS OF DECOMPOSITION: Silicon dioxide, carbon dioxide carbon monoxide and acetic acid.	
Note: Measurements taken at temperatures of over 150°C in air (oxygen) have shown that oxidation degradation results in the generation of very small amounts of formaldehyde. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system.	
5.6 DANGEROUS REACTIONS: None. It reacts with water to give small quantities of acetic acid.	
5.7 HAZARD IDENTIFICATION: Hazard warning not required.	
SECTION 6 – ACCIDENTAL RELEASE MEASURES	
Remove mechanically. Observe personal protection and hygiene. Disposal of collected product, residues and cleanup material may be governmentally regulated. INHALATION: Use respiratory protection unless local exhaust ventilation is adequate or air sampling data show exposure are within TLV and PEL guidelines.	
SECTION 7 – HANDLING AND STORAGE	
7.1 HANDLING: No special precaution required.	
7.2 STORAGE: Store in a dry and cool place in its original and unopened container. Keep away from sources of ignition.	
SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1 ENGINEERING CONTROLS: Adequate ventilation by local or general exhausts system.	
8.2 PERSONAL PROTECTION: Wear protective eyeglasses and gloves. Avoid vapor inhalation. Observe usual precautions when handling chemicals. Wash hands before every break and at the end of the workday.	
NOTE: Avoid breathing vapors and eye and skin contact. Use only with adequate ventilation.	
SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES	
9.1 PHYSICAL CONDITION: Tixothopic paste	9.2 SMELL: Acetic acid
9.3 COLOR: According to coloration	9.4 DENSITY: 1.00 g/cm ³
9.5 VISCOSITY: Pasty	9.6 pH: Not applicable
9.7 SOLUBILITY:	
	IN WATER: Insoluble
	IN CONVENTIONAL SOLVENTS: Dispersible
SECTION 10 – STABILITY AND REACTIVITY	
10.1 CHEMICAL STABILITY: Stable	

10.2 INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing material can cause a reaction. Air & moisture causes curing of sealant.

10.3 HAZARDOUS DECOMPOSITION/COMBUSTION: Silicone dioxide, Carbon dioxide and traces of incompletely burned carbon products.

10.4 HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Experience with DEALSEAL- A ingredients indicates that the product presents no health hazard when used properly and with usual precautions for industrial hygiene.

11.1 ACUTE TOXICITY:

	LD50	Oral, rat (mg/Kg)	2060
	LD50	Dermatological (mg/Kg)	Not Found
	LD50	Inhalation (mg/Kg)	Not Found

SECTION 12 – ECOLOGICAL INFORMATION

Although cured product is not harmful to the environment, we recommend that it not be dumped into rivers, lakes, residual waters, or directly to the ground.

SECTION 13 – DISPOSAL INFORMATION

RCRA HAZARD CLASS (40CFR 261). This is not considered a hazardous waste. Incinerate in an adequately prepared installations. Local, state and federal government may impose additional regulatory requirements regarding disposal.

SECTION 14 – TRANSPORTATION INFORMATION

14.1 DECLARATION FOR LAND SHIPMENT: Without restriction

14.2 DECLARATION FOR SEA SHIPMENT: Without restriction

14.3 DECLARATION FOR SHIPMENT BY AIR: Without restriction

14.4 WARNING LABEL: Not Required

NOTE: This product is safe for transportation (Keep separated from food stuff)

SECTION 15 – REGULATORY INFORMATION

15.1 LABELING: No labeling is required.

SECTION 16 – OTHER INFORMATION

This data given above complements the technical data for use, but does not replace it. The data given here is based on current knowledge and experience. These data are offered in good faith as typical values and not as a product specification.

The purpose of the MSDS is to be describing the products in terms of their safety requirements. No warranty, either expressed or implied, is hereby made.