

**DEALSEAL SERIES****SECTION 1 – GENERAL INFORMATION**

<b>1.1 MANUFACTURER:</b>	Deal International Inc. P.O. Box 20144; Rochester, NY 14602
<b>TELEPHONE:</b>	(585) 288-4444
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**SECTION 2 – CHEMICAL IDENTIFICATION (OSHA HAZARDOUS COMPONENTS)****2.1 COMPOSITION:** Fluid mix polydimethylpolysiloxanics, charges and neutral agents

CAS NO.	INGREDIENTS	WT%
7631-86-9	SILICA, AMORPHOUS	4-7%
1317-65-3	CALCIUM CARBONATE (LIME STONE)	20-40%
22984-54-9	METHYL TRIS (METHYLETHYLKETOXIME) SILANE	1-5%
2224-33-1	VINYL TRIS (METHYLETHYLKETOXIME) SILANE	0-1%

**2.2 DANGEROUS COMPOUNDS:** None**2.3 SPECIFIC RISKS:** Combustible**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 - Overexposure to vapor may cause drowsiness.
ORAL - Small amounts do not injure. Large amounts may injure slightly.

**3.2 REPEATED EXPOSURE:**

SKIN - Product contains oximes, which are possible skin sensitizer.
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 and traces of incompletely burned carbon compounds, nitrogen oxides and formaldehyde.

**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

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Remove mechanically. Observe personal protection and hygiene. Disposal of collected product, residues and cleanup material may be governmentally regulated.

**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.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 PHYSICAL CONDITION:** Tixotropic paste

**9.2 SMELL:** Oxime (Almost odorless)

**9.3 COLOR:** According to coloration

**9.4 DENSITY:** 1.01-1.23 g/cm<sup>3</sup>

**9.5 VISCOSITY:** Not applicable

**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:** 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 this product's ingredients indicates that the product presents no health hazard when used properly and with usual precautions for industrial hygiene. Contact with skin and eyes may cause irritation. Please see section 4 for proper first aid procedure. Oral intake of trace amounts is not harmful. Oral intake of large quantities may cause digestive discomfort.

## **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.