

## MATERIAL SAFETY DATA SHEET

Trade Name: **InstaCote OH Primer**

### Section I - General Information

Item Name: OH Primer

Manufacture: InstaCote, Inc.  
160 C Lavoy Road  
Erie, MI 48133  
Phone #734-847-5260

Date MSDS Prepared: 8/30/12

Last Review Date: 8/30/12

MSDS Preparers Name/Address: prepared by manufacturer.

Product Description: Silane adhesion promoter in Isopropanol Blend

Multiple Part Product (Y/N): N

Health	<b>3</b>
Flammability	<b>3</b>
Reactivity	<b>0</b>
Personal protection	<b>H</b>

### Section II – Composition / Hazardous Ingredient / Identity Information

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components on this product are included in the EPA Toxic Control ACT (TSCA) Chemical Substance Inventory.

Chemical Family: Silane adhesion promoter

Proprietary (Y/N): Y

<u>Ingredient</u>	<u>CAS #</u>	<u>Exposure Limits</u>			<u>Content</u>
		<u>(TLV</u>	<u>STEL</u>	<u>PEL)</u>	
Isopropanol	67-63-0	400pp	500ppm	400ppm	98%

California Proposition 65 ingredients

None

\*Product is listed or hazardous according to one or more state Right to Know (SARA III) section 313 federal Toxic Chemical release Inventory, or Toxic Substance Control Act Laws.

### Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency planning and Community Right to Know Act of 1986 (40 CFR 372)

Isopropanol 67-63-0

Silane Proprietary

### **Section III Physical/Chemical Characteristics**

Appearance: Amber  
Boiling Point: 82° C (IPA)  
Vapor Pressure: 20° C 38 (IPA)  
Vapor Density: >air  
Specific Gravity: .787 @ 20°C  
Evaporation Rate: No data  
Solubility (H<sub>2</sub>O): slight  
Odor: Alcohol  
Percent volatile: 98.0%  
pH: N/A

### **Section IV - Fire and Explosion Hazard Data-HMIS Hazard Rating 3**

Flash Point: 53°F (toluene) Method: Penskey Martin C.C.  
Lower Explosive Limit: 2% (IPA)  
Upper Explosive Limit: 12% (IPA)  
Extinguishing Media/Methods: Use dry chemical, CO<sub>2</sub>, water fog.  
Special Fire Fighting Precautions: Full-face shield, self-contained breathing apparatus with full protective gear. NIOSH/MSHA  
Unusual Fire/Explosive Hazards: Move containers from area if it can be done without risk. Cool fire exposed containers with water from side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear. Water contaminated, sealed containers may rupture.

### **Section V –Stability and Reactivity Data- HMIS HAZARD RATING No. 0**

Stable (Y/N): stable  
Conditions to Avoid: Strong acids. Peroxide, Oxidizing agents, and heat  
Materials to Avoid: Product may react violently with water, alcohol, amines, acids, bases.  
Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen decomposition products may be toxic.  
Hazardous Polymerization: Will not occur  
Other Reactivity Data: See conditions to avoid above

### **Section VI - Health Hazard Data- HMIS RATING No. 2**

Primary Routes of Entry: Eye and skin contact breathing and ingestion.  
Inhalation: Not expected to be a relevant route of exposure. Vapors can be irritating to nose and respiratory tract, may cause headaches and dizziness and have a anesthetic effect on the nervous system.  
Skin : Repeated exposure may cause irritation and dermatitis.  
Ingestion: Not expected to be a relevant route of exposure. May cause gastrointestinal irritation, nausea, vomiting, diarrhea, drowsiness.  
Eyes: Acute vapor exposures may temporarily cause hazy or blurred Vision, sever irritation and redness.

First Aid Procedures:

Gross Inhalation: Move victim to fresh air environment. First administer oxygen, if available. Seek immediate medical attention.

Gross Ingestion: DO NOT INDUCE VOMITING. Seek medical attention ASAP. If vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to a unconscious person.

Skin Contact - Wash affected areas with soap and water. Wash soiled clothing before reuse.

Severe Eye Contact - Flush eyes with water for 15 minutes lifting upper and lower eye lids throughout. Seek medical attention

**Section VII - Precautions for Safe Handling and Use/ Personal Protection:**

Personal Protective Equipment (Routine Use):

Respiratory Protection: Airborne concentrations of chemical should be maintained as low as possible. If vapors or mists are formed, use NIOSH/MSHA approved air-supplied respirator or approved fume respirator selected by a technically qualified person for the specific work conditions to prevent overexposure. Confined spaces, room, or tanks are areas where concern for TLV's is especially important. If mists are generated or the exposure for crystalline silica is exceeded wear a respirator selected by a technically qualified person for the specific work conditions. Refer to OSHA regulation CFR 29 1910.143 for recommended respiratory protection.

Gloves: Recommend latex, butyl rubber, or nitrile gloves.

Eye Protection: Safety goggles or glasses with side shields or face shield. Do not wear contact lenses.

Other: Recommend Tyvek suits or coveralls. Wear long sleeve shirts and pants.

Work Practices: This product is to be used in a ventilated environments air movement must turnover at all work locations. Exposures to hazardous components are not expected to exceed permissible limits during routine daily use.

Ventilation: If vapors or mists are generated, local exhaust ventilation is recommended. Air movement must be designed to insure air turnover at all locations in the work area to avoid buildup of vapors.

**Section VIII Ecological / Disposal, spill information and other considerations:**

Marine Pollutant: NL (not listed)

Waste Disposal Method: disposal of waste manner in which complies with all applicable local, state, and federal regulations.

Accidental release: Avoid contact with skin of eyes. Ventilate the area, eliminate all ignition sources. Wear appropriate protective gear, contain spill or leak, salvage, and clean up residue with absorbent material.

Average Shelf life: Refer to Product DATA sheet

Special instructions: Store in a cool dry place.

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**Section IX – Transportation Information/ regulatory Information:**

DOT proper shipping Name:	Flammable liquid, N.O.S., Isopropyl Alcohol
DOT I.D. Number UN 1993, Label(s)	Flammable
DOT Hazard Class	3 PG II
DOT I.D Number	UN 1993
OSHA Hazard communication Standard: (29 CFR 1910.1200)	Hazardous
CERCLA/Superfund (40 CFR 117,302):	N/A
SARA Extremely Hazardous Substances: (40 CFR 355)	N/A
Sara Hazard Categories (40 CFR 370):	Health – Immediate Physical – Fire
SARA Toxic Chemicals (40 372):	See section 313 advisory in section II
Inventory Status	The chemicals in this product are listed on the US TSCA Chemical substance Inventory and the Canadian substances lists.

The information provided herein has been compiled from sources believed to be reliable and is accurate to best of our knowledge. However InstaCote Inc. cannot give any guarantees regarding information from other sources, and expressly does not make any warranty