

**INDUSTRIAL CONTROL DEVELOPMENT, INC.
MATERIAL SAFETY DATA SHEET**

OPACI-COAT-300® SILICONE WATER BASED ELASTOMER

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This MSDS is for all colors in this series including metallics.

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Industrial Control Development, Inc. 13911 NW Third Court, Suite 100 Vancouver, Washington 98685-5701	Emergency Telephone: (360) 546-2286
MSDS No.: 02803608	Current Version: 5/17/13
Generic Description: Pigmented silicone emulsion Physical Form: Liquid Color: Miscellaneous, including metallics Odor: Slight odor NFPA Profile: Health 1 Flammability 1 Reactivity 0	
Note: NFPA = National Fire Protection Association	

SECTION 2. OSHA HAZARDOUS COMPONENTS

This is not a hazardous material. None present as defined by OSHA communication standard.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact irritates slightly with redness and swelling.
Skin: A single relatively short exposure causes no known adverse effect.
Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.
Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

Repeated Exposure Effects

Skin: Repeated or prolonged exposure may cause irritation.
Inhalation: None known
Oral: None known

Special Hazards

This material contains the following components with the special hazards listed below.

<u>Carcinogens</u>	None known								
<u>Teratogens</u>	None known								
<u>Mutagens</u>	None known								
<u>Reproductive Toxins</u>	None known								
<u>Sensitizers</u>	<table><tr><td><u>CAS Number</u></td><td><u>Wt#</u></td><td></td><td></td></tr><tr><td>000109897</td><td>.2</td><td>Diethylamine</td><td>Possible skin sensitizer</td></tr></table>	<u>CAS Number</u>	<u>Wt#</u>			000109897	.2	Diethylamine	Possible skin sensitizer
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000109897	.2	Diethylamine	Possible skin sensitizer						

Comments: Please read the additional information below.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions component data and/or expert review of the product.

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes.
Skin: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.
Inhalation: No first aid should be needed.
Oral: No first aid should be needed.
Comments: Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup): >214°F/101°C
Autoignition Temperature: Not determined
Flammability Limits: Not determined
Extinguishing Media: Water. Water fog (or spray). Carbon dioxide (CO2). Dry chemical. Foam.

300-030 OPACI-COAT-300 Warranty
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Unsuitable Extinguishing Media:	None
Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.
Unusual Fire Hazards:	None
<u>Hazardous Decomposition Products:</u> Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Metal oxides. Nitrogen oxides. Formaldehyde. Sulphur oxides.	

SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment/ Clean-up:	Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state and federal water management regulation. Mop up, or wipe up, or soak up with absorbent and contain for salvage or disposal. Clean any remaining slippery surfaces by appropriate techniques, such as: several moppings or swabbings with appropriate solvents; washing with mild, caustic detergents or solutions; or high pressure steam for large areas. For non-silicones, use typical industrial cleaning materials. Observe any safety precautions applicable to the cleaning material being used. For large spills, provide diking or other appropriate containment to keep material from spreading. Observe all personal protection equipment recommendations described in Section 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.
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NOTE: See Section 8 for Personal Protective Equipment for Spills.

SECTION 7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Product evolves n-propyl alcohol when exposed to water or humid air. Provide ventilation to control n-propyl alcohol within exposure limits.
Storage:	No special precautions. Use reasonable care.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Engineering Controls</u>	
Local exhaust:	None should be needed.
General Ventilation:	Recommended
<u>Personal Protective Equipment For Routine Handling</u>	
Eyes:	Use proper protection – safety glasses as a minimum.
Skin:	Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.
Suitable Gloves:	Teflon®, Silver Shield®, 4H® and latex.
Inhalation:	No respiratory protection should be needed.
Suitable Respirator:	None should be needed.
<u>Personal Protective Equipment For Spills</u>	
Eye:	Use proper protection – safety glasses as a minimum.
Skin:	Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.
Inhalation/ Suitable Respirator:	No respirator protection should be needed.
Precautionary Measures:	Avoid eye contact. Avoid skin contact. Use reasonable care.
Comments:	Product evolves n-propyl alcohol when exposed to water or humid air. Provide ventilation during use to control n-propyl alcohol within exposure guidelines (See Section 2) or use respiratory protection.

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Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications, may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid
Color: Various
Odor: Slight odor
Specific Gravity @ 25°C: 1.02 – 1.05
Freezing/Melting Point: Not applicable
Boiling Point: 35°C / 95°F
Vapor Pressure @ 25C: Not determined
Vapor Density: Not determined
Solubility in Water: Not determined
pH: Not applicable
Volatile Organic Content (VOC) Excluding Water: 0.06 lb./gal. or 7 g/l
Including Water: 0.03 lb./gal. or 4 g/l

Note: The above information is not intended for use in preparing product specifications. Contact ICD before writing specifications.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None
Materials to Avoid: Oxidizing materials can cause a reaction.
Comments: None

SECTION 11. TOXICOLOGICAL INFORMATION

Optional Section – Complete information not yet available.

SECTION 12. ECOLOGICAL INFORMATION

Optional Section – Complete information not yet available.

SECTION 13. DISPOSAL CONSIDERATIONS

When a decision is made to discard this material, as received, is it classified as hazardous waste? No.
Call ICD (360) 693-5092, if more information is desired.

SECTION 14. TRANSPORT INFORMATION

DOT Information (49CFR 172.101)
Proper Shipping Name: Not available
Hazard Technical Name: Not available
Hazard Class: Not available
UN/NA Number: Not available
Packing Group: Not available
Call ICD, (360) 693-5092, if additional information is required.

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SECTION 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200.

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirement.

EPA SARA Title III Chemical Listings:

Section 302 Extremely

Hazardous Substances: None

Section 304 CERCLA

Hazardous Substances:

027176870	.5	Dodecylbenzene sulfonic acid	1000.00 LB RQ
000109897	.2	Diethylamine	100.00 LB RQ

Section 312 Hazard Class: Acute: N

Chronic: N

Fire: N

Pressure: N

Reactive: N

Y = Yes

N = No

Section 313 Toxic Chemicals: None present or none present in regulated quantities.

Supplemental State Compliance Information

State	CAS Number	Wt%	Component
California	Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer. None known		
Massachusetts	007631869	3-7%	Silica, amorphous
New Jersey	007732185	40-70%	Water
	None	45	Dimethyl siloxy silsesquioxane
	007631869	3-7%	Silica, Amorphous Fumed; #1655
Pennsylvania	None	45	Dimethyl siloxy silsesquioxane
	007732185	48	Water
	007631869	3-7%	Silica, amorphous

SECTION 16. OTHER INFORMATION

Prepared by: Industrial Control Development, Inc.

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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