



# Material Safety Data Sheet

duoMatrix™ NEO

MSDS No. 943

Date Of Preparation: November 8, 2013

Revision: 0006

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** duoMatrix™ NEO Part A

**Manufacturer:** Smooth-On Inc., 2000 St. John St., Easton PA 18042  
(610) 252-5800, FAX (610) 252-6200

**Emergency Contact:** Chem-Tel

Domestic 800-255-3924

International 813-248-0585

## Section 2 - Hazards Identification

Europe



Xi: Irritant

Canada



HMIS	
H	1
F	1
R	0

**Information pertaining to particular dangers**

**R36/37/38:** Irritating to eyes, skin and respiratory tract.

**Classified according to Articles 6 & 7 of Directive 1999/45/EC**

## Section 3 - Composition / Information on Ingredients

Component	ACGIH TWA	OSHA PEL	Hazard Designation	Weight Percent (%)
Calcium Sulfate CAS Number: 7778-18-9 EINECS Number: 231-900-3	10mg/m <sup>3</sup> dust	15mg/m <sup>3</sup> total dust	Xi	90-95
Melamine/ Formaldehyde Resin CAS Number: 9003-08-1 EINECS Number: None	10mg/m <sup>3</sup> total dust 5mg/m <sup>3</sup> respir. dust	15mg/m <sup>3</sup> total dust 5mg/m <sup>3</sup> respir. dust	Xi	5-10
Formaldehyde CAS Number: 50-00-0 EINECS Number: 200-001-8	0.3 ppm	0.75 ppm	T	<0.9

## Section 4 - First Aid Measures

**Inhalation:** Remove source(s) of contamination and move victim to fresh air. If breathing has stopped, give artificial respiration, then oxygen if needed. Contact physician immediately.

**Eye Contact:** Flush eyes with plenty of water. If irritation persists, seek medical attention.

**Skin Contact:** In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if rash develops.

**Ingestion:** Do not induce vomiting unless instructed by a physician. Contact physician immediately

**After first aid, get appropriate in-plant, paramedic, or community medical support.**

## Section 5 - Fire-Fighting Measures

**Flash Point:** >200 °F (93°C)

**Flash Point Method:** CC

**LEL:** Not Established

**UEL:** Not Established

**Flammability Classification:** Non-Flammable

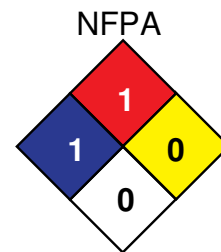
**Extinguishing Media:** Water Fog, Dry Chemical, and Carbon Dioxide Foam

**Unusual Fire or Explosion Hazards:** Treat as ordinary combustible powder.

Possible dust explosion if dispersed in air in large quantities.

**Fire-Fighting Instructions:** Fire fighters should wear self-contained breathing apparatus. Do not release runoff from fire control methods to sewers or waterways.

**Fire-Fighting Equipment:** Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.



## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Provide ventilation. Collect the material for reclaim or place in covered waste container.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Avoid moisture contamination. Reseal partial containers. Use good general housekeeping procedures.

**Storage Requirements:** Store in cool dry, well-ventilated area.

## Section 8 - Exposure Controls / Personal Protection

**Respiratory Protection:** Follow OSHA respirator regulations 29 CFR 1910.134 and European Standard EN 149; wear an MSHA/NIOSH or European Standard EN149 approved respirator.

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.



**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

<b>Physical State:</b> Solid <b>Appearance :</b> Free flowing white powder <b>Odor :</b> Odorless <b>Vapor Pressure:</b> Not Applicable <b>Vapor Density (Air=1):</b> Not Applicable <b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> 1.1-1.4	<b>Water Solubility:</b> Negligible: <b>Boiling Point:</b> Not Applicable <b>% Volatile:</b> Nil <b>Melting Point:</b> Not Applicable <b>Evaporation Rate:</b> Not Applicable
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## Section 10 - Stability and Reactivity

**Stability:** This product is stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization can occur.

**Chemical Incompatibilities:** Ammonium salts, strong oxidizing agents

**Conditions to Avoid:** Avoid contamination with water and other materials that react with Isocyanates.

**Hazardous Decomposition Products:** oxides of nitrogen, carbon monoxide and carbon dioxide.

## Section 11- Toxicological Information

**Eye Effects:** Irritation  
**Skin Effects:** Irritation

**Carcinogenicity:** IARC and NTP list  
 Formaldehyde as a suspected carcinogen  
**Mutagenicity:** None Determined  
**Teratogenicity:** None Determined

## Section 12 – Ecological Information

None Established

## Section 13 - Disposal Considerations

**Disposal:** Dispose in accordance with applicable Federal, state, and local regulations.

## Section 14 - Transport Information

<b>DOT</b>	<b>IATA</b>	<b>IMDG</b>
<b>Not Regulated</b>	<b>Not Regulated</b>	<b>Not Regulated</b>

## Section 15 - Regulatory Information

**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

This product contains the following chemicals that are subject to release reporting requirements under **section 313 of SARA Title III.**

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by Weight</u>
Formaldehyde	50-00-0	<0.9

**TSCA Inventory Status (40 CFR710):** All components of this formulation are listed in the TSCA Inventory.

## Section 15 - Regulatory Information (continued)

### State Regulations

California Proposition 65: This product contains Formaldehyde, which in the State of California has found to cause Cancer, birth defects or other reproductive harm.


### Canadian Regulations;

WHMIS Identification: **D2B**

CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **Listed on CDSL**



### Labeling according to EEC Directive

Risk Phrases	Symbol(s) Required for EU Label	Safety Phrases
<b>R36/37/38</b> : Irritating to eyes, skin and respiratory tract.	 <b>Xi: Irritant</b>	<b>S26</b> : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## 16 - Other Information

**Disclaimer:** The information contained in this MSDS is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of Smooth-On Inc., it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 1907/2006/EEC (REACH). Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union (EU/EEC) directive 1907/2006/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union **Product/Chemical Name:** Duo-Matrix G Latex



# Material Safety Data Sheet

duoMatrix™ NEO

MSDS No. 943

Date Of Preparation: November 8 , 2013

Revision: 0006

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** duoMatrix NEO Part B

**Manufacturer:** Smooth-On Inc., 2000 St. John St., Easton PA 18042

Phone (610) 252-5800, FAX (610) 252-6200

**Emergency Contact:** Chem-Tel

Domestic 800-255-3924

International 813-248-0585

## Section 2 - Hazards Identification

Not hazardous according to United States Occupational Safety and Health (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Council directive 1999/45/EC and its subsequent amendments.

HMIS	
H	0
F	0
R	0

## Section 3 - Composition / Information on Ingredients

No hazardous ingredients

## Section 4 - First Aid Measures

**Inhalation:** Remove source(s) of contamination and move victim to fresh air.

**Eye Contact:** Flush eyes with plenty of water. If irritation persists, seek medical attention.

**Skin Contact:** In case of skin contact, wash thoroughly with soap and water; remove contaminated clothing and launder before reuse.

**Ingestion:** Do not induce vomiting unless instructed by a physician. Contact physician immediately

**After first aid, get appropriate in-plant, paramedic, or community medical support.**

## Section 5 - Fire-Fighting Measures

**Flash Point:** Not Applicable

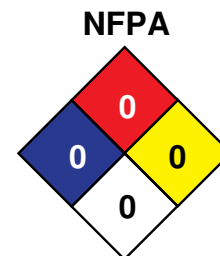
**Flash Point Method:** Not Applicable

**Flammability Classification:** Not Applicable

**Extinguishing Media:** Not Applicable

**Unusual Fire or Explosion Hazards:** None

**Hazardous Combustion Products** Not Applicable



## Section 6 - Accidental Release Measures

**Spill /Leak Procedures:** Dike and contain spill; absorb or scrape up excess into suitable container for disposal. Stop or reduce discharge if it can be done safely.

**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).

## Section 7 - Handling and Storage

**Handling Precautions:** Use good general housekeeping procedures.

**Storage Requirements:** Well-ventilated area.

## Section 8 - Exposure Controls / Personal Protection

**Respiratory Protection:** Follow OSHA respirator regulations 29 CFR 1910.134 and European Standards.

**Protective Clothing/Equipment:** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations 29 CFR 1910.133 and European Standard EN166. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.



**Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 - Physical and Chemical Properties

<b>Physical State:</b> Liquid	<b>Water Solubility:</b> soluble
<b>Appearance:</b> Milky white liquid	<b>Boiling Point:</b> Not established
<b>Odor:</b> Sweet odor	<b>% Solids by weight:</b> 49 to 51
<b>Vapor Pressure:</b> Not established	<b>Freezing/Melting Point:</b> : Not established
<b>Vapor Density (Air=1):</b> Not established	<b>pH:</b> 8-10
<b>Specific Gravity (H<sub>2</sub>O=1, at 4 °C):</b> 1.06	<b>Evaporation Rate:</b> Not established
	<b>Weight per Gallon:</b> 8.9

## Section 10 - Stability and Reactivity

**Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.

**Polymerization:** Hazardous polymerization can not occur.

**Chemical Incompatibilities:** Strong bases, and acids.

## Section 11- Toxicological Information

<b>Eye Effects:</b> Irritation	<b>Carcinogenicity:</b> None Determined
<b>Skin Effects:</b> None Determined	<b>Mutagenicity:</b> None Determined
	<b>Teratogenicity:</b> None Determined

## Section 12 - Ecological Information

None Established

## Section 13 - Disposal Considerations

**Disposal:** Must be disposed of in accordance with applicable Federal, state and local regulations.

### Section 14 - Transport Information

**DOT**

Not Regulated

**IATA**

Not Regulated

**IMDG**

Not Regulated

### Section 15 - Regulatory Information

**United States Regulations**
**EPA Regulations:**

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)

SARA Toxic Chemical (40 CFR 372.65): None

This product does not contain chemicals that are subject to release reporting requirements under **section 313 of SARA Title III**.

**TSCA Inventory Status (40 CFR710):** All components of this formulation are listed in the TSCA Inventory.

California Proposition 65: This product does not intentionally contain any chemicals which have been identified by the state of California to cause cancer, birth defects or other reproductive harm.

**CANADA Regulations**

WHMIS Identification: **Not controlled**

CDSL/NDL (Canadian Domestic Substance List/Non Domestic Substance List): **All are Listed**

**Labeling according to EEC Directive**

No special packaging or labeling requirements.

### Section 16 - Other Information

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