



# Safety Data Sheet

G66901  
MVP4 CHANGE CAN WIP

Revision Date 20-Oct-2016  
Supersedes Date: No information available  
Version 3

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** MVP4 CHANGE CAN WIP  
**Product Code** G66901  
**Product(s) Covered** See section 16 for more information

### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Recommended use** Adhesives.  
**Uses Advised Against** No information available

### 1.3. Details of the Supplier of the Safety Data Sheet

#### Company Name

Bostik, Inc.  
11320 W. Watertown Plank Road  
Wauwatosa, Wisconsin 53226 USA  
Phone: +1 (800) 843-0844 (Domestic Toll Free)  
Phone: +1 (414) 774-2250 (International)  
Fax: +1 (414) 774-8075  
Email: msds@bostik-us.com

### 1.4. Emergency Telephone Number

**Emergency Telephone** Telephone: 1-800-227-0332  
(Outside U.S.) 1-703-527-3887

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Respiratory sensitization	Category 1
Flammable Liquids	Category 4

### 2.2. Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

#### Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled  
Combustible liquid

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**Appearance** Paste **Physical State** Liquid **Odor** No information available

### Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray  
In case of inadequate ventilation wear respiratory protection  
Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
Wear protective gloves/protective clothing/eye protection/face protection

### Precautionary Statements - Response

Not applicable  
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

### Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool

### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### Hazards Not Otherwise Classified (HNOC)

Not applicable

### Unknown Toxicity

21% of the mixture consists of ingredient(s) of unknown toxicity

### 2.3. Other Information

Causes mild skin irritation.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical Name	CAS No.	Weight-%
Limestone	1317-65-3	30 - 60
Naphtha, petroleum, heavy alkylate	64741-65-7	1 - 5
Propylene carbonate	108-32-7	1 - 5
Quartz	14808-60-7	0.1 - 1
Benzenesulfonyl isocyanate, 4-methyl-	4083-64-1	0.1 - 1

*The exact percentage (concentration) of composition has been withheld as a trade secret.*

## Section 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

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<b>General Advice</b>	If symptoms persist, call a physician.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If symptoms persist, call a physician.
<b>Inhalation</b>	Move victim to fresh air. Administer oxygen if breathing is difficult. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.
<b>Self-protection of the First Aider</b>	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

## 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms** No information available.

## 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

**Note to physicians** Treat symptomatically.

## 4.4. Reference to Other Sections

**Reference to Other Sections** Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 11: TOXICOLOGY INFORMATION

## **Section 5: FIRE-FIGHTING MEASURES**

### 5.1. Extinguishing Media

#### **Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub>, water spray or regular foam. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do it without risk.

#### **Unsuitable Extinguishing Media**

CAUTION: All these products have a very low flash point. Use of water spray when fighting fire may be inefficient.

### 5.2. Special Hazards Arising from the Substance or Mixture

#### **Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

#### **Explosion Data**

<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

### 5.3. Advice for Firefighters

#### **Protective Equipment and Precautions for Firefighters**

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As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Use personal protective equipment as required. Stop leak if you can do it without risk. Do not touch or walk through spilled material. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded.

**Other Information** Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### 6.2. Environmental Precautions

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas. Prevent product from entering drains. See Section 12 for additional Ecological Information.

### 6.3. Methods and Material for Containment and Cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of liquid spill for later disposal. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for Cleaning up** Use personal protective equipment as required. Dam up. Soak up with inert absorbent material. Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

### 6.4. Reference to other sections

**Reference to Other Sections** Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION  
Section 13: DISPOSAL CONSIDERATIONS

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Advice on Safe Handling** Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

### 7.2. Conditions for Safe Storage, including any Incompatibilities

**Storage Conditions** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Reacts with water.

**Incompatible Materials** Water.

### 7.3. Specific End Use(s)

**Other Information** No information available.

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## 7.4. References to Other Sections

Reference to Other Sections      Section 13: DISPOSAL CONSIDERATIONS  
Section 10: STABILITY AND REACTIVITY

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

**Exposure Guidelines**      . As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses. As Limestone CAS 1317-65-3 is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Limestone 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>
Quartz 14808-60-7	TWA: 0.025 mg/m <sup>3</sup> respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust	: (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	TWA: 0.1 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Limestone 1317-65-3	TWA: 10 mg/m <sup>3</sup>	-	TWA: 8 mg/m <sup>3</sup>	-
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>	-	TWA: 0.08 mg/m <sup>3</sup>	TWA: 0.025 mg/m <sup>3</sup>

### 8.2. Exposure Controls

**Engineering Controls**      Showers  
Eyewash stations  
Ventilation systems.

#### Personal protective equipment [PPE]

**Eye/Face Protection**      Tight sealing safety goggles.

**Skin and Body Protection**      Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Respiratory Protection**      If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations**      Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

**Physical State**      Liquid

**Appearance**      Paste

**Color**      Grey

**Odor**      No information available

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Odor Threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting Point/Freezing Point	No information available	
Boiling Point	172 °C / 341.6 °F	
Flash Point	67.2 °C / 153 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Specific Gravity	No information available	
Water Solubility	No information available	
Solubility in Other Solvents		
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

## 9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	91.7
Density	1.462 g/cm <sup>3</sup>
VOC	73.0 g/L

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical Stability

Stable under recommended storage conditions.

### 10.3. Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization** Hazardous polymerization may occur.

### 10.4. Conditions to Avoid

Heat, flames and sparks. Keep from any possible contact with water. Reacts with water.

### 10.5. Incompatible Materials

Water.

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## 10.6. Hazardous Decomposition Products

None known based on information supplied.

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on Toxicological Effects

<b>Product Information</b>	No Data Available
<b>Inhalation</b>	No Data Available.
<b>Eye contact</b>	No Data Available.
<b>Skin Contact</b>	No Data Available.
<b>Ingestion</b>	No Data Available.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Limestone 1317-65-3	>5000 mg/kg (rat)	-	-
Naphtha, petroleum, heavy alkylate 64741-65-7	> 7000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.04 mg/L ( Rat ) 4 h
Propylene carbonate 108-32-7	= 29000 mg/kg ( Rat )	> 20 mL/kg ( Rabbit )	-
Quartz 14808-60-7	>2000 mg/kg ( Rat )	-	-
Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1	= 2234 mg/kg ( Rat )	-	> 640 ppm ( Rat ) 1 h

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Symptoms</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	No information available.
<b>Target Organ Effects</b>	EYES, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen. As Quartz (14808-60-7) is inextricably bound in the polymer matrix, it is not expected to be available as an airborne hazard (dust, mist, or spray) under normal condition of uses.

Chemical Name	ACGIH	IARC	NTP	OSHA
Quartz 14808-60-7	A2	Group 1	Known	X

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 - Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**NTP (National Toxicology Program)**

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*Known - Known Carcinogen*

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Limestone 1317-65-3	CE50 (72h) >200mg/L Algae (Desmodesmus subspicatus)	CL50 (96h)>10000mg/L Fish (Oncorhynchus mykiss)		CE50 (48h) >1000 mg/L Daphnia Magna
Naphtha, petroleum, heavy alkylate 64741-65-7	EC50 72 h = 30000 mg/L (Pseudokirchneriella subcapitata)			LC50 48 h = 2 mg/L (Mysidopsis bahia )
Propylene carbonate 108-32-7	EC50 72 h > 500 mg/L (Desmodesmus subspicatus)	LC50 96 h > 1000 mg/L (Cyprinus carpio semi-static)	EC50 > 10000 mg/L 17 h	EC50 48 h > 500 mg/L (Daphnia magna )

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5 Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

#### Disposal of Wastes

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

#### Contaminated Packaging

Dispose of in accordance with federal, state and local regulations

## Section 14: TRANSPORTATION INFORMATION

#### Note:

49 CFR 173.150(f)(2) "The requirements in this subchapter do not apply to a material classed as a combustible liquid in a non-bulk packaging unless the combustible liquid is a hazardous substance, a hazardous waste, or a marine pollutant."

#### DOT

UN/ID No

NA1993

Proper Shipping Name

Combustible liquid, n.o.s. (Naphtha, petroleum, heavy alkylate)



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<b>Hazard Class</b>	Combustible liquid
<b>Packing Group</b>	III
<b>Special Provisions</b>	IB3, T1, TP1
<b>Description</b>	NA1993, Combustible liquid, n.o.s. (Naphtha, petroleum, heavy alkylate), III
<b>Emergency Response Guide Number</b>	128

**IATA** Not regulated

**IMDG** Not regulated

## Section 15: REGULATORY INFORMATION

### Global Inventories

<b>TSCA</b>	Listed
<b>DSL</b>	Listed

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### WHMIS Hazard Class

B3 - Combustible liquid

D2A - Very toxic materials



### United States of America

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	yes
<b>Fire Hazard</b>	yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

### California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No.
1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich	68515-49-1
Quartz	14808-60-7
N-(trichloromethylthio)phthalimide	133-07-3

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## Europe

### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## Section 16: OTHER INFORMATION

### Product(s) Covered

G66900-LLM	MVP4 MP5GL/P36-LL
G66900-MVC	MVP4 MP5GL/P24 CN
G66900-MVF	MVP4 MP5GL/P36

**HMIS**                      **Health Hazards 2\***                      **Flammability 2**                      **Physical Hazards 0**                      **Personal Protection X**

### Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

### Key Literature References and Sources for Data

No information available

**Prepared By**                      Product Safety & Regulatory Affairs

**Revision Date**                      20-Oct-2016

**Revision Note**                      Not applicable.

**Training Advice**                      No information available

**Additional information**                      No information available

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**