



# Material Safety Data Sheet

An **RPM** Company

**24 Hour Emergency Phone Numbers:**  
**Medical/Poison Control:**  
**In U.S.: Call 1-800-222-1222**  
**Outside U.S.: Call your local poison control center**  
**Transportation/National Response Center:**  
**1-800-535-5053**  
**1-352-323-3500**

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 • NOTE: The National Response Center emergency numbers to  
 • be used only in the event of chemical emergencies involving a  
 • spill, leak, fire, exposure or accident involving chemicals. ....

**IMPORTANT:** Provide this information to employees, customers, and users of this product. Read this MSDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

## Section 1 - Chemical Product / Company Information

This Material Safety Data Sheet is available in American Spanish upon request.  
 Los Datos de Seguridad del Producto pueden obtenerse en Español si lo requiere.

**Product Name:** Blue Stik Reuseable Adhesive  
**Product UPC Number:** 070798012011  
**Product Use/Class:** Adhesive  
**Manufactured for:** **DAP Products Inc.**  
**2400 Boston Street Suite 200**  
**Baltimore, MD 21224-4723**  
**888-327-8477 (non-emergency matters)**

**Revision Date:** 01/14/2014  
**Supersedes:** 03/11/2013  
**MSDS Number:** 00030404004

## Section 2 - Hazards Identification

**Emergency Overview:** A(n) colored solid product with a little or no odor. May cause eye, skin, nose, throat and respiratory tract irritation. Under normal use conditions, this product is not expected to cause adverse health effects.

Refer to other MSDS sections for other detailed information.

**Effects Of Overexposure - Eye Contact:** May cause eye irritation. Signs and symptoms may include: pain, tears, swelling, redness and blurred vision. Under normal use conditions, this product is not expected to cause adverse health effects.

**Effects Of Overexposure - Skin Contact:** May cause skin irritation. Under normal use conditions, this product is not expected to cause adverse health effects.

**Effects Of Overexposure - Inhalation:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Under normal use conditions, this product is not expected to cause adverse health effects.

**Effects Of Overexposure - Ingestion:** Ingestion may result in obstruction when material hardens. Under normal use conditions, this product is not expected to cause adverse health effects.

### Effects Of Overexposure - Chronic Hazards:

The International Agency for Research on Cancer (IARC) has determined that crystalline silica in the form of quartz or cristobalite that is inhaled from occupational sources is carcinogenic to humans (Group 1- carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program (NTP) classifies respirable crystalline silica as "known to be a human

carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (Group A2). Breathing dust containing respirable crystalline silica may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Excessive inhalation of respirable dust can cause pneumoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Smoking exacerbates this disease. Individuals with pneumoconiosis are predisposed to develop tuberculosis. There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease. Under normal use conditions, this product is not expected to cause adverse health effects.

**Primary Route(s) Of Entry:** Skin Contact, Ingestion, Eye Contact

**Medical Conditions which May be Aggravated by Exposure:** None known.

**Carcinogenicity:**

CAS No.	Chemical Name	ACGIH	OSHA	IARC	NTP
14808-60-7	Quartz	Suspected human carcinogen.	Not Listed.	Carcinogenic to humans.	Known To Be Human Carcinogen.
13463-67-7	Titanium dioxide	Not Listed.	Not Listed.	Possibly carcinogenic to humans.	Not Listed.

### Section 3 - Composition / Information On Ingredients

Chemical Name	CASRN	Wt%
Polyisobutylene	9003-27-4	60-100
Castor Oil	8001-79-4	3-7
Quartz	14808-60-7	1-5
Titanium dioxide	13463-67-7	0.1-1.0

### Section 4 - First Aid Measures

**First Aid - Eye Contact:** In case of contact, immediately flush eyes with large quantities of water for at least 15 minutes until irritation subsides. Get medical attention immediately.

**First Aid - Skin Contact:** No health hazards are known to exist. Wash off with soap and water.

**First Aid - Inhalation:** No health hazards are known to exist.

**First Aid - Ingestion:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

**Note to Physician:** None.

**COMMENTS:** If over-exposure occurs, call your poison control center at 1-800-222-1222.

### Section 5 - Fire Fighting Measures

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

**Unusual Fire And Explosion Hazards:** No special protective measures against fire required.

**Special Firefighting Procedures:** Wear self-contained breathing apparatus pressure-demand (NIOSH approved or

equivalent) and full protective gear. Use water spray to cool exposed surfaces.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Wear proper protective equipment as specified in Section 8. Sweep up and shovel into suitable containers for disposal.

## Section 7 - Handling And Storage

**Handling:** KEEP OUT OF REACH OF CHILDREN! Wash thoroughly after handling.

**Storage:** Close container after each use. Do not store at temperatures above 120 degrees F. Store containers away from excessive heat and freezing. Store away from caustics and oxidizers.

## Section 8 - Exposure Controls / Personal Protection

Chemical Name	CASRN	ACGIH TWA	ACGIH STEL	ACGIH CEIL	OSHA TWA	OSHA STEL	OSHA CEIL	Skin
Polyisobutylene	9003-27-4	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Castor Oil	8001-79-4	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.	No
Quartz	14808-60-7	0.025 MGM3	N.E.	N.E.	10/(%SiO <sub>2</sub> + 2) MGM3	N.E.	N.E.	No
Titanium dioxide	13463-67-7	10 MGM3	N.E.	N.E.	15 MGM3	N.E.	N.E.	No

**Important:** Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); these limits may vary between states.

**Note:** An employee's skin exposure to substances having a "YES" in the "SKIN" column in the table above shall be prevented or reduced to the extent necessary under the circumstances through the use of gloves, coveralls, goggles or other appropriate personal protective equipment, engineering controls or work practices.

### Exposure Notes:

14808-60-7 The 2002 ACGIH Threshold Limit Values for Chemical Substances and Physical Agents lists the median Respirable Particulate Mass (RPM) point for crystalline silica at 4.0 microns in terms of the particle's aerodynamic diameter.

The TLVs for crystalline silica represent the respirable fraction.

OSHA PEL TWA for Quartz is calculated using the following formula:  $10 \text{ mg/m}^3 / (\% \text{ SiO}_2 + 2)$ . Both concentration and percent quartz for the application of this limit are to be determined from the fraction passing a size selector with the following characteristics.

Aerodynamic diameter ( unit density sphere )	Percent passing selector
2	90
2.5	75
3.5	50
5.0	25
10	0

**Precautionary Measures:** Please refer to other sections and subsections of this MSDS.

**Engineering Controls:** No special environmental precautions required.

**Respiratory Protection:** No personal respiratory protective equipment normally required. National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m<sup>3</sup>) as determined by a full shift sample up to 10-hour work shift.

**Skin Protection:** None Required.

**Eye Protection:** None.

**Other protective equipment:** None.

**Hygienic Practices:** General industrial hygiene practice.

## Section 9 - Physical And Chemical Properties

<b>Boiling Range:</b>	Not Established	<b>Vapor Density:</b>	Not Applicable
<b>Odor:</b>	Little or None	<b>Odor Threshold:</b>	Not Established
<b>Color:</b>	Colored	<b>Evaporation Rate:</b>	Slower Than n-Butyl Acetate
<b>Solubility in H<sub>2</sub>O:</b>	Not Established	<b>Specific Gravity:</b>	1.79 - 1.79
<b>Freeze Point:</b>	Not Established	<b>pH:</b>	Not Established
<b>Vapor Pressure:</b>	Not Established	<b>Viscosity:</b>	Not Established
<b>Physical State:</b>	Solid	<b>Flammability:</b>	Non-Flammable
<b>Flash Point, F:</b>	Greater than 200	<b>Method:</b>	(Seta Closed Cup)
<b>Lower Explosive Limit, %:</b>	Not Determined	<b>Upper Explosive Limit, %:</b>	Not Determined

When reported, vapor pressure of this product has been calculated theoretically based on its constituent makeup and has not been determined experimentally.

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** Excessive heat and freezing.

**Incompatibility:** Incompatible with strong bases and oxidizing agents.

**Hazardous Decomposition Products:** Normal decomposition products, i.e., CO<sub>x</sub>, NO<sub>x</sub>.

**Hazardous Polymerization:** Hazardous polymerization will not occur under normal conditions.

**Stability:** Product is stable under normal condition.

## Section 11 - Toxicological Information

**Product LD50:** Not Established

**Product LC50:** Not Established

None

**Significant Data with Possible Relevance to Humans:** None.

## Section 12 - Ecological Information

**Ecological Information:** Ecological injuries are not known or expected under normal use.

## Section 13 - Disposal Information

**Disposal Information:** Dispose of material in accordance with all federal, state and local regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

**EPA Waste Code if Discarded (40 CFR Section 261):** None.

**Section 14 - Transportation Information**

<b>DOT Proper Shipping Name:</b>	Not Regulated.	<b>Packing Group:</b>	N.A.
<b>DOT Technical Name:</b>	N.A.	<b>Hazard Subclass:</b>	N.A.
<b>DOT Hazard Class:</b>	N.A.	<b>DOT UN/NA Number:</b>	N.A.

**Section 15 - Regulatory Information****CERCLA - SARA Hazard Category:**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

**SARA Section 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

None

**Toxic Substances Control Act:**

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None

**New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product:

None

**Pennsylvania Right-to-Know:**

The following non-hazardous ingredients are present in the product at greater than 3%:

None

**California Proposition 65:**

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Section 16 - Other Information****HMIS Ratings:**

Health: 1	Flammability: 0	Reactivity: 0	Personal Protection: X
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**Volatile Organic Compounds (VOC), less water less exempts:** g/L: 0      lb/gal: 0      wt:wt%: 0

**Volatile Organic Compounds (VOC), less water less exempts, less LVP-VOCs:**      wt:wt%: 0

**REASON FOR REVISION:** Periodic Update

**Legend:**

N.A. – Not Applicable

ACGIH – American Conference of Governmental Industrial Hygienists

N.E. – Not Established

SARA – Superfund Amendments and Reauthorization Act of 1986

N.D. – Not Determined

NJRTK – New Jersey Right-to-Know Law

VOC – Volatile Organic Compound

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

HMIS – Hazardous Materials Identification System

TLV – Threshold Limit Value

NTP – National Toxicology Program

CEIL – Ceiling Exposure Limit

STEL – Short Term Exposure Limit

LD50 – Lethal Dose 50

LC50 – Lethal Concentration 50

F – Degree Fahrenheit

MSDS – Material Safety Data Sheet

C – Degree Celsius

CASRN – The Chemical Abstracts Service Registry Number

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. **NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS.** Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.

<End of MSDS>