MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BLUE RTV PRESSURE BEAD GASKET MAKER SILICONE

Synonyms:
28040 JEGS BLUE RTV PRESSURE BEAD GASKET MAKER SILICONE

Company Identification
JEGS Automotive Inc. 101 Jegs Place Delaware, OH 43015
PHONE: 1-800-345-4545 WEBSITE: www.jegs.com

MSDS ID DYN49276
Synonyms None
Generic/Chemical Name Blue RTV Silicone Gasket Maker – L/V
Product Type RTV Silicone
Preparation Date 07/14/08
Transportation Emergency Response
www.jegs.com/msds
Product Information
Product Information and MSDS Requests: 1-800-345-4545

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT	ACGIH TLV	PEL	STEL
Methyltriacetoxysilane	4253-34-3	1 – 5% weight	TWA 10ppm	TWA 10ppm	15ppm
Ethyltriacetoxysilane	17689-77-9	1 – 5% weight	TWA 10ppm	TWA 10ppm	15ppm

3. HAZARD IDENTIFICATION

IMMEDIATE HEALTH EFFECTS
Primary Routes of Entry: Eye contact, inhalation, shin contact
Eye: Direct contact may cause moderate irritation.
Skin: May cause moderate irritation.
Ingestion: Repeated ingestion or swallowing large amounts may injure internally.
Inhalation: Irritates respiratory passages very slightly.
Symptoms of Overexposure: No known applicable information.
Existing Conditions Aggravated by Exposure: No known applicable information.

4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes. Seek medical attention.
Skin: Remove from skin and wash thoroughly with soap and water or waterless cleaner. Get medical attention if irritation or other ill effects develop or persist.
Ingestion: DO NOT INDUCE VOMITING. Seek immediate medical attention.
Inhalation: Move to fresh air. No first aid should be needed.
Comments: Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:
Flashpoint: Not Applicable
Auto-ignition Temperature: Not determined
Flammability Limits in Air: Not determined

EXTINGUISHING MEDIA: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire or Explosion Hazards: None known.

Hazardous Decomposition Products: 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
Formaldehyde
Hydrogen
Silicone dioxide
Nitrogen oxides
Metal oxides
Chlorine compounds

Comment: When temperatures above 150°C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose, throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within OSHA Permissible Exposure Limits for formaldehyde.

6. ACCIDENTAL RELEASE INFORMATION

Spill Management: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. HANDLING AND STORAGE

Handling: Use with adequate ventilation. Product evolves acetic acid with exposed to water or humid air. Provide ventilation during use to control acetic acid with exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Do not take internally. Avoid breathing vapor. Keep container closed.
Storage: Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT

Exposure Controls
Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.
Eye Protection
Safety goggles or glasses with side shields are recommended.
Skin Protection
Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Suitable Gloves:
Silver Shield® 4H®

Respiratory Protection
No respiratory protection should be needed with good local ventilation.

Precautionary Measures
Use reasonable care. Avoid eye contact. Avoid skin contact. Do not take internally.
Comment
Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection.
Note
These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

9. PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below is not intended for use in preparing product specifications.

Physical State:	Paste
Specific Gravity:	1.032
Color/Appearance:	Blue
Odor:	Acetic acid odor
pH:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	Not determined
Boiling/Cond. Point:	Not determined
Solubility:	Not determined
Melting/Freezing Point:	Not determined
Viscosity:	Not determined

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Incompatibility with Other Materials: Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.
Conditions to Avoid: None known
Hazardous Polymerization: Will not occur

11. TOXILOGICAL INFORMATION

Component Toxicology Information: Inhalation of fumes may result in metal fume fever, a flu-like illness with symptoms of metallic taste, fever and chills, aches, chest tightness and cough.
Special Hazard Information on Components: No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: Complete information is not yet available.

Environmental Effects: Complete information is not yet available.

Fate and Effects in Waste Water treatment Plants: Complete information is not yet available.

13. DISPOSAL INFORMATION

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. TRANSPORTATION INFORMATION

DOT Road Shipment Information: Not subject to DOT.

Ocean Shipment (IMDG): Not subject to IMDG code.

Air Shipment (IATA): Not subject to IATA regulations.

15. REGULATORY INFORMATION

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

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

SARA Title III Section 302 Extremely Hazardous Substances
None

SARA Title III Section 304 CERCLA Hazardous Substances
None

SARA Title III Section 312 Hazard Class
Acute: Yes
Chronic: No
Fire: No
Pressure: No
Reactive: No

SARA Title III Section 313 Toxic Chemicals
Copper chlorophthalocyanine (12239-87-1)

California prop. 65
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, birth defects or other reproductive harm:
None known

Massachusetts
Copper chlorophthalocyanine (12239-87-1)
Silica, amorphous (7631-86-9)
Titanium dioxide (13463-67-7)

New Jersey
Copper chlorophthalocyanine (12239-87-1)
Dimethyl siloxane, hydroxyl-terminated (70131-67-8)
Ethyltriacetoxysilane (17689-77-9)
Hydrotreated middle petroleum distillates (64742-46-7)
Methyltriacetoxysilane (4253-34-3)
Polydimethylsiloxane (63148-62-9)
Silica, amorphous (7631-86-9)
Tetrabenzo-5,10,15,20-diazaporphyrinephthalocyanine [Pigment blue 15] (147-14-8)
Titanium dioxide (13463-67-7)

Pennsylvania
Copper chlorophthalocyanine (12239-87-1)
Dimethyl siloxane, hydroxyl-terminated (70131-67-8)
Hydrotreated middle petroleum distillates (64742-46-7)
Polydimethylsiloxane (63148-62-9)
Silica, amorphous (7631-86-9)
Titanium dioxide (13463-67-7)

16. DISCLAIMER