



Flexbar Machine Corporation
Material Safety Data Sheet

533894

| 1. Product and Company Identification | |
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| Product Name FLEXBAR Reprorubber® Putty Material | MSDS Code Number 533894 |
| Trade Name & Synonyms FLEXBAR Reprorubber® Putty Material | Date of Last Revision 11/23/09 |
| Chemical Name Vinyl Polysiloxane | Manufacturer Flexbar Machine Corporation |
| C.A.S. Number N. A. | Address 250 Gibbs Road Islandia NY 11749-2697 http://www.flexbar.com |
| Grades or Minor Variant Identities N. A. | Information Telephone Number (631) 582-8440 |
| Product Use (for Canada) N. A. | Emergency Telephone Number (800) 879-7575 |

| 2. Composition Of Ingredients – Base Paste | | | |
|---|----------------------|------------------------|----------|
| Hazardous Components | C.A.S. Number | Exposure Limits | % |
| Silicon Dioxide - Amorphous | 68855-54-9 | 1.2 mg/M ³ | 20 - 25 |
| Silicon Dioxide -Crystalline | 14464-46-1 | 0.05 mg/M ³ | 12 – 18 |
| Non - Hazardous Components | | | |
| Vinyl dimethyl polydimethylsiloxane | 68083-19-2 | N. E. | 50 - 60 |
| Organic Phthalate Plasticizer | 68515-40-2 | N. E. | < than 5 |
| Polymethylhydrogen siloxane | 68037-59-2 | N. E. | 2 – 6 |
| Blue Fluorescent organic dye | 39277-28-6 | N. E. | < than 5 |
| FD & C Blue # 1 | 3844-45-9 | N. E. | < than 1 |

| 2. Composition Of Ingredients – Catalyst Paste | | | |
|---|----------------------|------------------------|----------|
| Hazardous Components | C.A.S. Number | Exposure Limits | % |
| Silicon Dioxide - Amorphous | 68855-54-9 | 1.2 mg/M ³ | 20 - 25 |
| Silicon Dioxide -Crystalline | 14464-46-1 | 0.05 mg/M ³ | 12 – 18 |
| Non - Hazardous Components | | | |
| Vinyl dimethyl polydimethylsiloxane | 68083-19-2 | N. E. | 50 - 60 |
| Organic Phthalate Plasticizer | 68515-40-2 | N. E. | < than 5 |
| Organo Platinum complex | 68478-92-2 | N. E. | < than 1 |

| 3. Hazard Identification | | | | | |
|---|---|--|-----------------------------------|--|-----------------|
| Emergency Overview: Material may be mildly irritating to eyes. | | | | | |
| Routes of Exposure | Signs and Symptoms | Single, Repeated, or Lifetime Exposure | Severity (Mild, Moderate, Severe) | Acute and Chronic Health Effect(s) | Target Organ(s) |
| Eye | Material can cause irritation. | Single | Moderate | Irritation and possible corneal damage | N. A. |
| Skin | Material may be an irritant | Single & Repeated | Moderate | Irritation or possible allergic response. | N. A. |
| Inhalation | N. A. | N. A. | N. A. | N. A. | N. A. |
| Ingestion | Material is probably not harmful if swallowed | N. A. | Mild | Low order of toxicity is expected when large amounts of material are ingested. Acute toxicology study in rats LD ₅₀ >2,000 mg/kg. | N. A. |
| Other | N. A. | N. A. | N. A. | N. A. | N. A. |
| Medical Conditions Aggravated by Exposure Open sores and wounds of the skin. | | | | | |
| Carcinogenicity NTP?: Not listed IARC monographs?: Not listed OSHA regulated?: No All components of this product are in compliance with the inventory listing Requirements of the U. S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory. | | | | | |
| Potential Environmental Effects Do not allow to enter sewers/ surface or ground water. | | | | | |
| NFPA Hazard Classification Ratings (Scale 0-4), Health = 0, Fire = 1, Reactivity = 0 | | | | | |



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| 4. First Aid Measures | | | |
|---|---|-----------------------------|---|
| Routes of Exposure | First Aid Instructions | Immediate Medical Attention | Delayed Effects |
| Eye | Rinse opened eye for several minutes under running water. If symptoms persist consult physician | N. A. | N. A. |
| Skin | Immediately wash with soap and water and rinse thoroughly | N. A. | N. A. |
| Inhalation | Supply fresh air, consult physician if symptoms persist | N. A. | |
| Ingestion | If symptoms persist consult physician | N. A. | Low order of toxicity is expected when large amounts of material are ingested. Acute toxicology study in rats LD ₅₀ >2,000mg/kg. |
| Other | N. A. | N. A. | N. A. |
| Note to Physicians (Treating, Testing and Monitoring): Treat symptomatically. | | | |

| 5. Fire and Explosion Data | | | |
|---|--|---|--------------|
| Flashpoint Method: N. A. | Flammable (Explosive) Limits in Air LEL: N. A. UEL: N. A. | Autoignition Temperature: N. A. Product will not autoignite. | Other: N. A. |
| Flame Propagation or Burning Rate (for Solids) N. A. | Properties Contributing to Fire Intensity: N. A. | Flammability Classification: N. A. | |
| Extinguishing Media: CO ₂ , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire-extinguishing methods suitable to surrounding areas. | | Extinguishing Media to Avoid: Water with full jet. | |
| Protection and Procedures for Firefighters: Firefighters should wear self-contained respiratory protective devices. | | | |
| Unusual Fire and Explosion Hazards: No dangerous decomposition products known. -Product does not present an explosion hazard. | | | |

| 6. Accidental Release Measures |
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| Containment Techniques: Material is a high viscosity paste and as such will not flow. |
| Spill/Leak Clean-up Procedures and Equipment: Wear protective clothing and scoop up bulk material and place in a labeled plastic or metal container. Avoid gross skin contact to minimize the possibility of contact dermatitis to susceptible persons. Ensure adequate ventilation. |
| Evacuation Procedures: N. A. |
| Special Instructions: N. A. |
| Reporting Requirements: N. A. |

| 7. Handling and Storage |
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| Handling Practices and Warnings: Handling of this product should be by trained users only. Observe normal care for working with chemicals. |
| Storage Practices and Warnings: Store only in the original package. Keep package tightly sealed. Store in a dry area. Protect from exposure to direct light. Store away from food and beverages. |

| 8. Exposure Control / Personal Protection | | |
|--|--|---------------------|
| Ventilation: None required during normal intended use of this product | Other Engineering Controls: N. A. | |
| Routes of Entry | Personal Protective Equipment (PPE) for Normal Use | PPE for Emergencies |
| Eye/Face | Safety Glasses | N. A. |
| Skin | The glove material has to be impermeable and resistant to the product. | N. A. |
| Inhalation | Not Required | N. A. |
| Body Protection | Protective work clothing | N. A. |
| General Hygiene Considerations and Work Practices: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at end of work. Avoid contact with the eyes and skin. Do not eat, drink or smoke when using. | | |
| Protective Measures During Repair and Maintenance of Contaminated Equipment: N. A. | | |
| Other Protective Measures and Equipment: N. A. | | |

| 9. Physical and Chemical Characteristics | | |
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| Appearance: Blue colored high viscosity paste. Catalyst is grey-colored. | Odor: Characteristic sweet ester odor. | |
| Normal Physical State: Material is very high viscosity liquid (Paste). | Melting Point: N. A. | |
| Specific Gravity: Varies from 1.3 g/cm ³ | Solubility in Water: Not soluble | pH: N. A. |
| Vapor Pressure (mm Hg): N. A. | Vapor Density (AIR=1) N. A. | Evaporation Rate (Butyl Acetate =1) N. A. |
| Other: N. A. | | |



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| 10. Stability and Reactivity Data | |
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| Incompatibility (Materials to Avoid): Strong Oxidizing materials. | |
| Hazardous Products Produced During Decomposition: No dangerous decomposition products known if used according to Directions for Use. | |
| Hazardous Polymerization: <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> May Not Occur | Conditions to Avoid: None known |
| Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions to Avoid: None known |

| 11. Toxicological Information |
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| Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic Effects, Reproductive Effects, or Structure Activity Data: Product may irritate the skin and mucous membranes. The unpolymerized product may cause irritation to the skin in susceptible persons. On the eye the product has an irritating effect. Sensitization: No sensitizing effects known. |

| 12. Ecological Information |
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| Toxicity Data, Environmental Fate, Physical/Chemical Data, or other Data Supporting Environmental Hazard Statements: Water Hazard class1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water streams or sewage system. |

| 13. Disposal Considerations |
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| Regulations: Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Dispose of material as solid waste in a closed container. Dispose of in accordance with Federal, State and Local regulations |
| Properties (Physical/Chemical) Affecting Disposal: Dispose of material as solid waste in a closed container. |

| 14. Transport Information | |
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| Regulated for Shipping: No. Not Regulated | DOT Shipping Name: Not Regulated |

| 15. Regulatory Information |
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| U.S. Federal Regulations: <u>CERCLA 103 Reportable Quantity</u> : This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations |
| <u>Section 313 Toxic Chemicals</u> : This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372): None |
| <u>Section 302 Extremely Hazardous Substances (TPQ)</u> : None |
| <u>EPA Toxic Substances Control Act (TSCA) Status</u> : All of the components of this product are listed on the TSCA inventory. |
| <u>U.S. State Regulations California Proposition 65</u> : This product contains crystalline silica, a substance that is known to the State of California to cause cancer. The particles are contained in a paste and as such are not airborne particles of respirable size. |
| Other: N. A. |

| 16. Other Information |
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| To the best of our knowledge this product does not contain gluten, wheat grains, flaxseed, natural rubber, or natural latex. All components are synthetically produced; none are derived from animal products. |

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