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PRODUCT NAME: Loctite Superflex Blue RTV Silicone Adhesive Sealant
REVISION NUMBER: 003.1
ISSUED: 01/28/2009
MSDS Manufacturer Number: 270642
Web Site: www.henkelna.com
EMERGENCY PHONE: 860.571.5100
PHONE INFO: 860.571.5100
Region: United States
Item number: 30560
Product Information: Silicone
ADDRESS: Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067
TRADE NAME: Loctite(R) Superflex(R) Blue RTV Silicone Adhesive Sealant

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS#	Ingredient Percent
Siloxanes and Silicones, di-Me, hydroxy-terminated	70131-67-8	60 - 100 by Weight
Silicon dioxide	7631-86-9	5 - 10 by Weight
Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified	64742-46-7	5 - 10 by Weight
Siloxanes and Silicones, di-Me	63148-62-9	1-5 by Weight
Methylsilanetriyl triacetate	4253-34-3	1-5 by Weight
Triacetoxymethylsilane	17689-77-9	1-5 by Weight

SECTION 3 - HAZARDS IDENTIFICATION

ODOR: Acetic acid
PHYSICAL STATE: Paste
COLOR: Blue
ROUTES OF ENTRY: Skin, Eye contact, Lungs
EMERGENCY OVERVIEW: CAUTION: MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
SKIN CONTACT: May cause skin irritation.
EYE CONTACT: Vapors may irritate eyes. Contact with eyes will cause irritation.
INGESTION: Not expected to be harmful by ingestion.
AGGRAVATION OF CONDITIONS: Eye, skin, and respiratory disorders.
Hazards Comments: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). See Section 11 for additional toxicological information.
INHALATION: When heated to temperatures exceeding 300 deg F (150 deg C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit. Acetic acid produced during cure may irritate eyes, nose and throat.

SECTION 4 - FIRST AID MEASURES

NOTE TO PHYSICIANS: Treat symptomatically.
INGESTION: Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
SKIN CONTACT: Wash with soap and water. Wipe off paste with paper towel or cloth.
EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
INHALATION: Move to fresh air. If symptoms persist, seek medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

UNUSUAL FIRE AND EXPLOSION HAZARDS: None
HAZARDOUS COMBUSTION PRODUCTS: Acrid smoke and fumes. Silica mist. Formaldehyde.
SPECIAL FIRE FIGHTING PROCEDURES: None
EXTINGUISHING MEDIA: Foam, dry chemical or carbon dioxide.
FLAMMABLE LIMITS - UEL: 19.9 % (acetic acid)
FLAMMABLE LIMITS - LEL: 4 % (acetic acid)
FLASH POINT: > 93 deg C (> 199.4 deg F)
AUTOIGNITION TEMPERATURE: Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill Notes: Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.
SPILL CLEAN UP MEASURES: Maintain good ventilation for large spills. Scrape up as much material as possible. Spilled material will solidify. Store in a partly filled, closed container until disposal.

ENVIRONMENTAL DATA: Do not allow product to enter sewer or waterways.

SECTION 7 - HANDLING and STORAGE

STORAGE: Keep container closed. Store in a dry area below 90 deg F.
Handling Notes: For information on product shelf life contact Henkel Customer Service at (800) 243-4874.
HANDLING: Do not wear contact lenses. Do not get on skin or clothing. Do not get in eyes. Avoid contact with eyes, skin and clothing.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Ingredient Guideline Notes: Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

EYE PROTECTION: Safety goggles or safety glasses with side shields.
SKIN PROTECTION: Chemical resistant, impermeable gloves.
RESPIRATORY PROTECTION: No personal respiratory protective equipment normally required. Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

ENGINEERING CONTROLS: Use only with adequate ventilation.

Ingredient: Siloxanes and Silicones, di-Me, hydroxy-terminated
ACGIH TLV - TWA: None
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: None

Ingredient: Silicon dioxide
ACGIH TLV - TWA: 6 mg/m3 TWA
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: 3 mg/m3 TWA Respirable fraction.

Ingredient: Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified
ACGIH TLV - TWA: None
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: None

Ingredient: Siloxanes and Silicones, di-Me
ACGIH TLV - TWA: None
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: None

Ingredient: Methylsilanetriyl triacetate
ACGIH TLV - TWA: None
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: None

Ingredient: Triacetoxylethylsilane
ACGIH TLV - TWA: None
OSHA PEL (TWA): None
AIHA WEEL: None
OTHER: None

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE: Paste
COLOR: Blue
ODOR: Acetic acid
VAPOR PRESSURE: < 10 mm Hg (68 deg F (20 deg C))
pH: Not available
BOILING POINT: Not available
MELTING POINT: Not available
SPECIFIC GRAVITY: 1.04 at 20 deg C (68 deg F)
VAPOR DENSITY: Heavier than air.
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Not soluble. Polymerizes in presence of water.
Kow - Oct/Water partition coef: Not available
VOLATILE ORGANIC COMPOUNDS: 3.08 %; 32 g/l
ODOR THRESHOLD: Not available
Flash Point: > 93 deg C (> 199.4 deg F)
Flammable Limits - LEL: 4 % (acetic acid)
Flammable Limits - UEL: 19.9 % (acetic acid)
Autoignition temperature: Not available

SECTION 10 - STABILITY and REACTIVITY

CONDITIONS TO AVOID: Prolonged heating at temperatures above 150 deg C. Exposure to moisture.
DANGEROUS REACTIONS: Will not occur.
INCOMPATIBLE MATERIALS: Oxidizing agents. Bases. Water Acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Acetic acid is liberated slowly upon contact with moisture. Formaldehyde.
STABILITY: Stable

SECTION 11 - TOXICOLOGICAL INFORMATION

Health Effects/Target Organs: No Target Organs
Chemical Name: Triacetoxylethylsilane

Health Effects/Target Organs:	Irritant
Chemical Name:	Methylsilanetriyl triacetate
Health Effects/Target Organs:	Irritant, Allergen
Chemical Name:	Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified
Health Effects/Target Organs:	Irritant
Chemical Name:	Siloxanes and Silicones, di-Me
Chemical Name:	Silicon dioxide
Health Effects/Target Organs:	Nuisance dust
Health Effects/Target Organs:	No Target Organs
Chemical Name:	Siloxanes and Silicones, di-Me, hydroxy-terminated
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Triacetoxylethylsilane
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Methylsilanetriyl triacetate
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Siloxanes and Silicones, di-Me
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Distillates (Petroleum) hydrotreated middle; Gasoil - unspecified
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Silicon dioxide
OSHA:	No
IARC:	No
NTP:	No
Chemical Name:	Siloxanes and Silicones, di-Me, hydroxy- terminated

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.
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SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Notes:	Information provided is for unused product only.
EPA Hazardous Waste Number (RCRA):	Not a RCRA hazardous waste.
WASTE DISPOSAL:	Follow all local, state, federal and provincial regulations for disposal. Cured rubber can be incinerated or landfilled following EPA and local regulations.

SECTION 14 - TRANSPORT INFORMATION

IMDG Packing group:	None
IMDG UN Number:	None
IMDG Class:	None
IMDG Proper shipping name:	Not regulated
IATA Proper shipping name:	Not regulated
IATA Class:	None
IATA UN Number:	None
IATA Packing group:	None
DOT Packing group:	None
DOT Hazard class:	None
DOT Identification number:	None
DOT Proper shipping name:	Not regulated

SECTION 15 - REGULATORY INFORMATION

California Proposition 65:	This product contains a chemical known in the State of California to cause cancer.
DSL/NDL:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS:	D.2.B
TSCA INVENTORY STATUS:	All components are listed or are exempt from listing on the Toxic Substances Control Act inventory.
TSCA EXPORT NOTIFICATION:	None above reporting de minimus
SECTION 302 EHS:	None above reporting de minimus
311/312 Hazard Categories:	Immediate Health
SECTION 313:	None above reporting de minimus

SECTION 16 - ADDITIONAL INFORMATION

HMIS - HEALTH:	1
HMIS - FLAMMABILITY:	1
HMIS - REACTIVITY:	0
HMIS - PERSONAL PROTECTION:	See MSDS Section 8
COMMENTS:	This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.
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