

# Class C Solutions Group

A business of MSC Industrial Supply Co.

## Safety Data Sheet

### Supply Co. - BLUE RTV SILICONE

Document Nbr: 087514  
Class C Parts IDs BD1487,BD1487-1

SAFETY DATA SHEET

BLUE RTV SILICONE

#### -----SECTION 1. IDENTIFICATION -----

PRODUCT IDENTIFIER: BLUE RTV SILICONE

SYNONYMS: BD1487

MANUFACTURER STOCK NUMBERS: BD1487

RECOMMENDED USE: REFER TO PRODUCT LABEL

USES ADVISED AGAINST: REFER TO PRODUCT LABEL

MANUFACTURER CONTACT:

ADDRESS:

DYNATEX A DIVISION OF SOUDAL ACCUMETRIC  
350 RING ROAD  
ELIZABETHTOWN, KY, 42701  
USA

PHONE: (270) 769-3385

EMERGENCY PHONE: (800) 424-9300 CHEMTREC

FAX: N/A

#### -----SECTION 2. HAZARDS IDENTIFICATION -----

CLASSIFICATION:

EYE DAMAGE/IRRITATION: CATEGORY 2A  
GASES UNDER PRESSURE: LIQUEFIED GAS  
SKIN CORROSION/IRRITATION: CATEGORY 2

SIGNAL WORD: WARNING

PICTOGRAM:  
GAS CYLINDER  
EXCLAMATION MARK

HAZARD STATEMENTS:  
CAUSES SERIOUS EYE IRRITATION  
CAUSES SKIN IRRITATION  
CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED

PRECAUTIONARY STATEMENTS:

RESPONSE:

IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION.

IF IN EYES:  
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES,  
IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER.

IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.

READ LABEL BEFORE USE.

TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

PREVENTION:  
WASH HANDS THOROUGHLY AFTER HANDLING.  
WEAR EYE PROTECTION/FACE PROTECTION.  
WEAR PROTECTIVE GLOVES.

STORAGE: PROTECT FROM SUNLIGHT. STORE IN A WELL-VENTILATED PLACE.

DISPOSAL: N/A

INGREDIENTS OF UNKNOWN TOXICITY: 0%

HAZARDS NOT OTHERWISE CLASSIFIED:

ADDITIONAL INFORMATION: NONE KNOWN

-----SECTION 3. INGREDIENTS -----

CAS	INGREDIENT NAME	WEIGHT %
17689-77-9	ETHYLTRIAACETOXYSILANE	1% - 5%
4253-34-3	METHYLTRIAACETOXYSILANE	1% - 5%
75-37-6	DIFLUOROETHANE (PROPELLANT)	1% - 5%

OCCUPATIONAL EXPOSURE LIMITS, IF AVAILABLE, ARE LISTED IN SECTION 8.

-----SECTION 4. FIRST-AID MEASURES -----

COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

INGESTION: NO FIRST AID SHOULD BE NEEDED.

INHALATION: REMOVE TO FRESH AIR. NO FIRST AID SHOULD BE NEEDED.

SKIN CONTACT:

REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER ILL EFFECTS DEVELOP OR PERSIST.

EYE CONTACT:

IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION.

-----SECTION 5. FIRE FIGHTING MEASURES -----

SUITABLE EXTINGUISHING MEDIA: N/A

UNSUITABLE EXTINGUISHING MEDIA: N/A

COMMENT:

WHEN TEMPERATURES ABOVE 150 DEG. 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 THE OSHA PERMISSIBLE EXPOSURE LIMITS FOR FORMALDEHYDE.

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

SILICON DIOXIDE

METAL OXIDES

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE KNOWN

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.

EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER, WATER FOG OR SPRAY

FLAMMABILITY LIMITS IN AIR: NOT DETERMINED

AUTO-IGNITION TEMPERATURE: NOT DETERMINED

-----SECTION 6. ACCIDENTAL RELEASE MEASURES -----

FOR NON-EMERGENCY PERSONNEL:

NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

FOR EMERGENCY RESPONDERS:

IF SPECIALIZED CLOTHING IS REQUIRED TO DEAL WITH THE SPILLAGE, TAKE NOTE OF ANY INFORMATION IN SECTION 8 ON SUITABLE AND UNSUITABLE MATERIALS. SEE ALSO THE INFORMATION IN "FOR NON-EMERGENCY PERSONNEL".

ENVIRONMENTAL PRECAUTIONS:

AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS. INFORM THE RELEVANT AUTHORITIES IF THE PRODUCT HAS CAUSED ENVIRONMENTAL POLLUTION (SEWERS, WATERWAYS, SOIL OR AIR).

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

SMALL SPILL:

MOVE CONTAINERS FROM SPILL AREA. PLACE SPILLED MATERIAL IN A DESIGNATED, LABELED WASTE CONTAINER. DISPOSE OF VIA A LICENSED WASTE DISPOSAL CONTRACTOR.

LARGE SPILL:

MOVE CONTAINERS FROM SPILL AREA. APPROACH RELEASE FROM UPWIND. PREVENT ENTRY INTO SEWERS, WATER COURSES, BASEMENTS OR CONFINED AREAS. DO NOT DRY SWEEP. DISPOSE OF VIA A LICENSED WASTE DISPOSAL CONTRACTOR. NOTE: SEE SECTION 1 FOR EMERGENCY CONTACT INFORMATION AND SECTION 13 FOR WASTE DISPOSAL.

-----SECTION 7. HANDLING AND STORAGE -----

STORAGE:

USE REASONABLE CARE AND STORE AWAY FROM OXIDIZING MATERIALS. KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE. THIS MATERIAL IN ITS FINELY DIVIDED FORM PRESENTS AN EXPLOSION HAZARD. FOLLOW NFPA 654 (FOR CHEMICAL DUSTS) OR 484 (FOR METAL DUSTS) AS APPROPRIATE FOR MANAGING DUST HAZARDS TO MINIMIZE SECONDARY EXPLOSION POTENTIAL.

HANDLING:

USE ADEQUATE VENTILATION. 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. AVOID EYE CONTACT. AVOID SKIN CONTACT.

-----SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION -----

OCCUPATIONAL EXPOSURE LIMITS:

INGREDIENT NAME	ACGIH TLV	OSHA PEL	STEL
ETHYLTRIAACETOXSILANE	TWA: 10 PPM	TWA: 10 PPM	15 PPM
METHYLTRIAACETOXSILANE	TWA: 10 PPM	TWA: 10 PPM	15 PPM
DIFLUOROETHANE (PROPELLANT)	N/A	N/A	N/A

PERSONAL PROTECTIVE EQUIPMENT: GOGGLES, GLOVES

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).

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.

WHEN HEATED TO TEMPERATURES ABOVE 150C (300F) IN THE PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. PHYSICAL AND HEALTH HAZARD INFORMATION IS READILY AVAILABLE ON THE MATERIAL SAFETY DATA SHEET.

PRECAUTIONARY MEASURES:

AVOID EYE CONTACT. AVOID SKIN CONTACT. USE REASONABLE CARE.

RESPIRATORY PROTECTION:

NO RESPIRATORY PROTECTION SHOULD BE NEEDED WITH GOOD LOCAL VENTILATION.

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(R\*) 4H(R\*)

EYE PROTECTION: SAFETY GOGGLES OR GLASSES WITH SIDE SHIELDS ARE RECOMMENDED.

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.

-----SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES -----

PHYSICAL STATE: AEROSOL SPRAY

COLOR: BLUE

ODOR: ACETIC ACID ODOR

ODOR THRESHOLD: N/A

SOLUBILITY: NIL (IN WATER)

PARTITION COEFFICIENT WATER/N-OCTANOL: N/A

VOC%: 30 G/L

VISCOSITY: NOT APPLICABLE

SPECIFIC GRAVITY: 1.007

DENSITY LBS/GAL: N/A

POUNDS PER CUBIC FOOT: N/A

FLASH POINT:

>100C

>212F

FP METHOD: CLOSED CUP

PH: NOT APPLICABLE

MELTING POINT: NOT DETERMINED

BOILING POINT: NOT APPLICABLE

BOILING RANGE: N/A

LEL: N/A

UEL: N/A

EVAPORATION RATE: N/A

FLAMMABILITY: N/A

DECOMPOSITION TEMPERATURE: N/A

AUTO-IGNITION TEMPERATURE: N/A

VAPOR PRESSURE: NOT APPLICABLE

VAPOR DENSITY: NOT APPLICABLE

NOTE:

THE ABOVE INFORMATION IS NOT INTENDED FOR USE IN PREPARING PRODUCT SPECIFICATIONS. CONTACT SODAL ACCUMETRIC BEFORE WRITING SPECIFICATIONS.

-----SECTION 10. STABILITY AND REACTIVITY -----

MATERIALS TO AVOID / INCOMPATIBILITY:

OXIDIZING MATERIAL CAN CAUSE A REACTION. WATER, MOISTURE OR HUMID AIR CAN CAUSE HAZARDOUS VAPORS TO FORM AS DESCRIBED IN SECTION 8.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CHEMICAL STABILITY: STABLE

CONDITIONS TO AVOID:

WHEN PRODUCT IS EXPOSED TO AIR AND MOISTURE, IT WILL BEGIN TO CURE.

-----SECTION 11. TOXICOLOGICAL INFORMATION -----

SPECIAL HAZARD INFORMATION ON COMPONENTS: NO KNOWN APPLICABLE INFORMATION.

COMPONENT TOXICOLOGY INFORMATION: NO KNOWN APPLICABLE INFORMATION.

-----SECTION 12. ECOLOGICAL INFORMATION -----

FATE AND EFFECTS IN WASTE WATER TREATMENT PLANTS:

COMPLETE INFORMATION IS NOT YET AVAILABLE.

ENVIRONMENTAL EFFECTS: COMPLETE INFORMATION IS NOT YET AVAILABLE.

ENVIRONMENTAL FATE AND DISTRIBUTION:

COMPLETE INFORMATION IS NOT YET AVAILABLE.

-----SECTION 13. DISPOSAL -----

DISPOSAL METHODS:

THE GENERATION OF WASTE SHOULD BE AVOIDED OR MINIMIZED WHEREVER POSSIBLE. DISPOSAL OF THIS PRODUCT, SOLUTIONS AND ANY BY-PRODUCTS SHOULD COMPLY WITH THE REQUIREMENTS OF ENVIRONMENTAL PROTECTION AND WASTE DISPOSAL LEGISLATION AND ANY REGIONAL LOCAL AUTHORITY REQUIREMENTS. DISPOSE OF SURPLUS AND NON-RECYCLABLE PRODUCTS VIA A LICENSED WASTE DISPOSAL CONTRACTOR. WASTE SHOULD NOT BE DISPOSED OF UNTREATED TO THE SEWER UNLESS FULLY COMPLIANT WITH THE REQUIREMENTS OF ALL AUTHORITIES WITH JURISDICTION. WASTE PACKAGING SHOULD BE RECYCLED. INCINERATION OR LANDFILL SHOULD ONLY BE CONSIDERED WHEN RECYCLING IS NOT FEASIBLE. THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY. CARE SHOULD BE TAKEN WHEN HANDLING EMPTY CONTAINERS THAT HAVE NOT BEEN CLEANED OR RINSED OUT. EMPTY CONTAINERS OR LINERS MAY RETAIN SOME PRODUCT RESIDUES. AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS.

-----SECTION 14. TRANSPORT INFORMATION -----

UN NUMBER: 1950

UN PROPER SHIPPING NAME:

AEROSOLS, NON-FLAMMABLE (EACH NOT EXCEEDING 1 L CAPACITY) (1,1-DIFLUOROETHANE)

DOT CLASSIFICATION: 2.2

PACKING GROUP:

SPECIAL PRECAUTIONS FOR USER:

TRANSPORT WITHIN USER'S PREMISES:

ALWAYS TRANSPORT IN CLOSED CONTAINERS THAT ARE UPRIGHT AND SECURE. ENSURE THAT PERSONS TRANSPORTING THE PRODUCT KNOW WHAT TO DO IN THE EVENT OF AN ACCIDENT OR SPILLAGE.

REMARKS: LIMITED QUANTITY EXEMPTION

TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:  
NOT AVAILABLE

-----SECTION 15. REGULATORY INFORMATION -----

INTERNATIONAL REGULATIONS:

AUSTRALIA INVENTORY (AICS): ALL COMPONENTS ARE LISTED OR EXEMPTED.

CHINA INVENTORY (IECSC): ALL COMPONENTS ARE LISTED OR EXEMPTED.



JAPAN INVENTORY: NOT DETERMINED.

KOREA INVENTORY: ALL COMPONENTS ARE LISTED OR EXEMPTED.

MALAYSIA INVENTORY (EHS REGISTER): NOT DETERMINED.

NEW ZEALAND INVENTORY OF CHEMICALS (NZIOC):  
ALL COMPONENTS ARE LISTED OR EXEMPTED.

PHILIPPINES INVENTORY (PICCS): ALL COMPONENTS ARE LISTED OR EXEMPTED.

TAIWAN INVENTORY (CSNN): NOT DETERMINED.

STATE REGULATIONS:

MASSACHUSETTS:

THE FOLLOWING COMPONENTS ARE LISTED: SILICON DIOXIDE; 1,1-DIFLUOROETHANE

NEW YORK: NONE OF THE COMPONENTS ARE LISTED.

NEW JERSEY:

THE FOLLOWING COMPONENTS ARE LISTED: 1,1-DIFLUOROETHANE

PENNSYLVANIA:

THE FOLLOWING COMPONENTS ARE LISTED: SILICON DIOXIDE

CALIFORNIA PROP. 65: NO PRODUCTS WERE FOUND.

OTHER FEDERAL REGULATIONS:

DEA LIST I CHEMICALS (PRECURSOR CHEMICALS): NOT LISTED

DEA LIST II CHEMICALS (ESSENTIAL CHEMICALS): NOT LISTED

SARA TITLE III:

SARA 302/304 COMPOSITION/INFORMATION ON INGREDIENTS: NO PRODUCTS WERE FOUND

SARA 304 RQ: NOT APPLICABLE

SARA 311/312 CLASSIFICATION:

SUDDEN RELEASE OF PRESSURE

IMMEDIATE (ACUTE) HEALTH HAZARD

CLEAN AIR ACT (CAA):

SECTION 112 REGULATED FLAMMABLE SUBSTANCES: 1,1-DIFLUOROETHANE

SECTION 112 (B) HAZARDOUS AIR POLLUTANTS (HAPS): NOT LISTED

SECTION 602 CLASS I SUBSTANCES: NOT LISTED

SECTION 602 CLASS II SUBSTANCES: NOT LISTED

UNITED STATES INVENTORY (TSCA 8B): ALL COMPONENTS ARE LISTED OR EXEMPTED.

-----SECTION 16. OTHER INFORMATION -----

REVISION DATE: 7/29/2015

DISCLAIMER:

THE DATA CONTAINED HEREIN IS BASED UPON INFORMATION THAT SOUDAL ACCUMETRIC BELIEVES TO BE RELIABLE. USERS OF THIS PRODUCT HAVE THE RESPONSIBILITY TO DETERMINE THAT SUITABILITY OF USE AND TO ADOPT ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY AND PROTECTION OF PROPERTY AND PERSONS INVOLVED IN SAID USE. ALL STATEMENTS OR SUGGESTIONS ARE MADE WITHOUT WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE INFORMATION, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.