SAFETY DATA SHEET

1. Identification

Product identifier: BLUESIL RTV 3040 A U1

Recommended use and restriction on use

Recommended use: Molding diverse objects.
Restrictions on use: None known.

Manufacturer/Importer/Supplier/Distributor Information

Manufacturer

Company Name:	Elkem Silicones USA Corp.
Address:	7979 Park Place Road 29745 York, SC
Telephone:	+1 (803) 792-3000
Fax:	+1 (803) 684-7202
Contact Person:	
E-mail:	product.stewardship@elkem.com

Supplier

Company Name:	Elkem Silicones USA Corp.
Address:	Two Tower Blvd, Suite 1601 08816-1100 East Brunswick, NJ
Telephone:	+1 (732) 227-2060
Fax:	+1 (732) 249-7000

Emergency telephone number: +1 (800) 424-9300 CHEMTREC

2. Hazard(s) identification

Hazard Classification

Not a hazardous substance or mixture according to GHS.

Label Elements

Hazard Symbol:	No symbol.
Signal Word:	No signal word.
Hazard Statement:	Not applicable

Precautionary Statements

Prevention:	Not applicable
Response:	Not applicable
Storage:	Not applicable
Disposal:	Not applicable

Other hazards which do not result in GHS classification: No data available.

3. Composition/information on ingredients

Mixtures

Composition Comments: Mixture of Polyorganosiloxanes, fillers, additives.

4. First-aid measures

General information: For further information refer to section 8 "Exposure-controls/personal protection".

Ingestion: Do not induce vomiting. Rinse mouth thoroughly. Get medical attention if symptoms occur.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin Contact: Wash contact areas with soap and water. Get medical attention if symptoms occur after washing.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Most important symptoms/effects, acute and delayed

Symptoms: None known.

Hazards: No specific recommendations.

Indication of immediate medical attention and special treatment needed

Treatment: No specific recommendations.

5. Fire-fighting measures

General Fire Hazards: No specific recommendations.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical: Product will burn under fire conditions. Hazardous Decomposition Products : formaldehyde, oxides of carbon and silica.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: Water spray should be used to cool containers.

Special protective equipment for fire-fighters:	Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
Methods and material for containment and cleaning up:	Absorb with sand or other inert absorbent and place into containers.
Notification Procedures:	Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.
Environmental Precautions:	Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

Precautions for safe handling:	No specific precautions. See Section 8 of the SDS for Personal Protective Equipment.
Conditions for safe storage, including any incompatibilities:	No special storage precautions noted.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

Appropriate Engineering Controls	No specific recommendations.

Individual protection measures, such as personal protective equipment

General information:	Provide sufficient ventilation during operations which cause vapor formation.
Eye/face protection:	Safety Glasses.
Skin Protection	
Hand Protection:	Protective gloves are recommended.
Other:	Wear suitable protective clothing.
Respiratory Protection:	No protection is ordinarily required under normal conditions of use and with adequate ventilation.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance	
Physical state:	Liquid
Form:	Viscous
Color:	Colorless
Odor:	Odorless
Odor threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	397 °F (203 °C) (Pensky-Martens Closed Cup)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Density:	Approximate 1.08 kg/dm3 (68 °F (20 °C))
Solubility(ies)	
Solubility in water:	Insoluble
Solubility (other):	Acetone: Very slightly soluble. Ethanol: Very slightly soluble. Diethylether: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions).
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.
Other information	
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (according to EC criteria)

10. Stability and reactivity

Reactivity:	No data available.
Chemical Stability:	Stable
Possibility of hazardous reactions:	Will not occur.
Conditions to avoid:	No other information noted.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	This product can form formaldehyde vapors when heated to temperatures above 150 degrees C in the presence of air. Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

11. Toxicological information

Information on likely routes of exposure

Ingestion: No effects expected (assessment based on ingredients).

Inhalation: No effects expected (assessment based on ingredients).

Skin Contact: No effects expected (assessment based on ingredients).

Eye contact: No effects expected (assessment based on ingredients).

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral
Product: No data available.

Dermal
Product: No data available.

Inhalation
Product: No data available.

Repeated dose toxicity
Product: No effects expected (assessment based on ingredients).

Skin Corrosion/Irritation
Product: No effects expected (assessment based on ingredients).

Serious Eye Damage/Eye Irritation
Product: No effects expected (assessment based on ingredients).

Respiratory or Skin Sensitization
Product: No effects expected (assessment based on ingredients).

Carcinogenicity
Product: No effects expected (assessment based on ingredients).

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):
No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No effects expected (assessment based on ingredients).

In vivo
Product: No effects expected (assessment based on ingredients).

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No effects expected (assessment based on ingredients).

Specific Target Organ Toxicity - Repeated Exposure
Product: No effects expected (assessment based on ingredients).

Aspiration Hazard
Product: No effects expected (assessment based on ingredients).

Other effects: None known.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Chronic hazards to the aquatic environment:

Fish
Product: No effects expected (assessment based on ingredients).

Aquatic Invertebrates
Product: No effects expected (assessment based on ingredients).

Toxicity to Aquatic Plants
Product: No effects expected (assessment based on ingredients).

Persistence and Degradability

Biodegradation
Product: The product is not readily biodegradable.
The product is not biodegradable.

BOD/COD Ratio
Product: Not determined.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: The product is not bioaccumulating.
The product is not bioaccumulating.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Other adverse effects: None known.

13. Disposal considerations

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Contaminated packages should be as empty as possible.

14. Transport information

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):
None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

☐ Acute (Immediate) ☐ Chronic (Delayed) ☐ Fire ☐ Reactive ☐ Pressure Generating

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65
No ingredient regulated by CA Prop 65 present.

US. New Jersey Worker and Community Right-to-Know Act
No ingredient regulated by NJ Right-to-Know Law present.

US. Massachusetts RTK - Substance List
No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances
No ingredient regulated by PA Right-to-Know Law present.

US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.

Inventory Status:

US TSCA Inventory:	On or in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory.
EU EINECS List:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
Australia AICS:	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.

16.Other information, including date of preparation or last revision

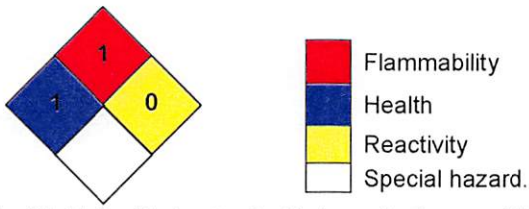
HMIS Hazard ID

Health	1
Flammability	1
Physical Hazards	0
PERSONAL PROTECTION	B

B - Safety Glasses & Gloves

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; *Chronic health effect

NFPA Hazard ID



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date:	04/05/2018
Revision Date:	No data available.
Version #:	5.0
Further Information:	No data available.
Disclaimer:	The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.