

SECTION 1 – PRODUCT IDENTIFICATION

Product Identifier Elevation SP1
SDS number EBES1007
Additional Products None
Synonyms None



RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Recommended Use Adhesion promoter.
Uses advised against No information available

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Manufacturer/Supplier: Formulated Materials 3010 NW
 149th St, Suite 100 Oklahoma
 City, OK 73134
 405.310.1650

EMERGENCY TELEPHONE NUMBER

Emergency Telephone Call CHEMTREC Day or Night: CCN823126
 Within USA and Canada: 1-800 424-9300; Outside USA and Canada: 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION *(Continues)*

CLASSIFICATION

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1A
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LABEL ELEMENTS

Emergency Overview

Signal Word:

Danger

Hazard statement:

May cause cancer


Appearance: Viscous

Physical state: Liquid

Odor: Low

PRECAUTIONARY STATEMENTS

Prevention

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Use personal protective equipment as required.

Response

IF exposed or concerned: Get medical advice/attention.

SECTION 2 - HAZARDS IDENTIFICATION *(Continued)***PRECAUTIONARY STATEMENTS****Storage** Store locked up**Disposal** Disposal should be in accordance with applicable local, regional, national and international laws and regulations.**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

Not applicable

OTHER INFORMATION**Unknown acute toxicity** 94.00368% of the mixture consists of ingredient(s) of unknown toxicity**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS****SUBSTANCE MIXTURE**

This product is a mixture.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Common name Adhesice
Synonyms None
Chemical nature Aqueous solution

Chemical Name	CAS No.	Weight-%	Trade Secret
Water	7732-18-5	60 - 70%	*
Acrylic Co-Polymer	25035-69-2	30 - 40%	*

SECTION 4 - FIRST AID MEASURES**DESCRIPTION OF FIRST AID MEASURES****General advice** Under conditions of normal use, no hazards are anticipated which require special first aid measures.**Eye contact** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**Skin contact** Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.**Inhalation** Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.**Ingestion** Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.**Self-protection of the first aider** First aider: Pay attention to self-protection!**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED****Symptoms** May cause skin irritation. May cause eye irritation.**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED****Note to physicians** Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Sand. Use foam or water FOG as a last resort.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

No information available.

Hazardous combustion products Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

EXPLOSION DATA

Sensitivity to Mechanical Impact Not sensitive.

Sensitivity to Static Discharge Not sensitive.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal precautions No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

Other Information Extremely slippery when spilled.
For emergency responders Use personal protection recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for containment Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

Methods for cleaning up Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on safe handling Use personal protective equipment as required.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions Keep from freezing. Keep containers tightly closed in a cool, dry, well-ventilated place.

Incompatible materials Strong acids. Strong oxidizing agents.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

APPROPRIATE ENGINEERING CONTROLS

Engineering Controls None under normal outdoor use conditions.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing that is resistant to chemical penetration.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES *(Continues)*

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Appearance Viscous

Odor Low

Color Clear White

Odor threshold Negligible odor.

PROPERTY

VALUES

REMARKS-METHOD

pH	Not applicable	
Melting point/freezing point	None / 0 °C None / 32 °F	Melting Point is not applicable. Freezing points are shown.
Boiling point / boiling range	> 100 °C / 212 °F	50 g/l at 23C
Flash point	Not applicable °C / Not applicable °F	Non Flammable
Evaporation rate	The evaporation rate of the water component of this emulsion product is dependent upon: 1) The temperature of the water at the air-water surface; 2) The humidity of the air; 3) The area of the air-water surface; 4) The temperature of the air. No Information available.	No data available. Evaporation rate is dependent upon atmospheric conditions.
Flammability (solid, gas)	Non Flammable.	
Flammability Limit in Air	Non Flammable.	50 g/l at 23C
Upper flammability limit:	Not applicable.	
Lower flammability limit:	Not applicable.	
Vapor pressure	2.33 (kPa)	@ 20 °C
Vapor density	5.3	Where: Air = 1 at 68 degrees F (20 degrees C)

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES *(Continued)*

PROPERTY	VALUES	REMARKS-METHOD
Specific Gravity	1.6	Water = 1g/m
Water solubility	Dispersible.	50 g/l at 23C
Solubility in other solvents	Soluble in aromatic and aliphatic solvents.	
Partition coefficient	No information available.	No data available.
Autoignition temperature	330 °C / 626 °F	50 g/l at 23C
Decomposition temperature	No information available.	50 g/l at 23C
Kinematic viscosity	No information available.	50 g/l at 23C
Dynamic viscosity	No information available.	50 g/l at 23C
Explosive properties	Not an explosive.	
Oxidizing properties	Not applicable.	

OTHER INFORMATION

Softening point	Not applicable.
Molecular weight	No information available.
VOC Content (%)	Less than 50 g/l
Density	8.5 lb/gal.
Bulk Density	Not applicable.

SECTION 10 - STABILITY AND REACTIVITY**REACTIVITY**

Not applicable.

CHEMICAL STABILITY

Stable.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal use.

Hazardous polymerization Hazardous polymerization does not occur.

CONDITIONS TO AVOID

None known for product as a whole.

INCOMPATIBLE MATERIALS

Strong acids. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

SECTION 11 – TOXICOLOGICAL INFORMATION *(Continues)***INFORMATION ON LIKELY ROUTES OF EXPOSURE**

Product Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Inhalation Avoid breathing vapors or mists.

Eye contact Avoid contact with eyes. Contact with eyes may cause irritation.

Skin contact May cause irritation.

Ingestion If swallowed, do not induce vomiting. Get medical attention immediately. Not an expected route of exposure.

Component Information * No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html

The IARC Monograph (Vol93, 2010, Carbon Black, Titanium Dioxide, Talc) states: “No significant exposure to primary particles of Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to the materials, such as in paints.”

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms No information available.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

Skin corrosion/irritation Can cause skin irritation.

Serious eye damage/eye irritation Irritating to eyes.

Irritation Irritating to eyes and skin.

Corrosivity Not classified.

Sensitization May cause sensitization of susceptible persons.

Germ cell mutagenicity This product does not contain any ingredients that cause germ cell mutagenicity.

Carcinogenicity The legend below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

ACGIH (American Conference of Governmental Industrial Hygienists)

A1 - Known Human Carcinogen
A2 - Suspected Human Carcinogen
A3 - Animal Carcinogen
A4 - Not Classifiable as a Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans
Group 2A - Probably Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 - Not classifiable as a human carcinogen.

NTP (National Toxicology Program)

Known - Known Carcinogen
Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

SECTION 11 – TOXICOLOGICAL INFORMATION *(Continued)*

Reproductive toxicity	None known for product as a whole.
Developmental toxicity	None known for product as a whole.
Teratogenicity	None known.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

NUMERICAL MEASURES OF TOXICITY - PRODUCT INFORMATION

The following values are calculated based on chapter 3.1 of the GHS document. For exterior use only. Do not use indoors.

ATEmix (oral)	10,453.00
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SECTION 12 - ECOLOGICAL INFORMATION**ECOTOXICITY**

This mixture contains no known hazards to the aquatic environment.

PERSISTENCE AND DEGRADABILITY

No information available.

BIOACCUMULATION

No information available.

OTHER ADVERSE EFFECTS

No information available

SECTION 13 - DISPOSAL CONSIDERATIONS**WASTE TREATMENT METHODS**

Disposal of wastes	Disposal should be in accordance with applicable local, regional, national and international laws and regulations.
Contaminated packaging	Do not reuse container

SECTION 14 - TRANSPORT INFORMATION

Note: This material is not subject to regulation as a hazardous material for shipping.

DOT	Not regulated.
TDG	Not regulated.
MEX	Not regulated.
ICAO (air)	Not regulated.
IATA	Not regulated.
IMDG	Not regulated.
RID	Not applicable in the United States.
ADR	Not applicable in the United States.
ADN	Not applicable in the United States.

SECTION 15 - REGULATORY INFORMATION *(Continues)***INTERNATIONAL INVENTORIES**

TSCA All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.
DSL/NDL All of the components of this product are listed on the DSL.

LEGEND:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 HAZARD CATEGORIES

Acute health hazard No
Chronic Health Hazard No
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (CLEAN WATER ACT)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US STATE REGULATIONS**CALIFORNIA PROPOSITION 65**

This product contains the following Proposition 65 chemicals.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

This product contains the following substances regulated by various State Right-to-Know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	-

U.S. EPA LABEL INFORMATION

EPA Pesticide Registration Number Not applicable.

SECTION 16 - OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**NFPA**

Health hazards 1 **Flammability** 0 **Instability** 0 **Physical and Chemical Properties** -

HMIS

Health hazards 1 **Flammability** 0 **Physical Hazards** 0 **Personal protection** -

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REVISION NOTE

No information available.

DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

