Safety Data Sheet
according to Regulation (EC) No 1907/2006, Annex II

SECTION 1: Identification of the substance/mixture and the company/undertaking

1.1 Product Identifier

QuickCure Rain Sensor Gel

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Silicone Sealant

Uses advised against:

None identified at present.

1.3 Details of the supplier of the safety data sheet:

Marcy Enterprises, Inc., 2977 Lamb Avenue, Columbus, OH 43219 USA
Phone: 1-614-471-5200 Fax 1-614-471-9176
www.marcyadhesives.com

Qualified person's email address: info@marcyadhesives.com

1.4 Emergency telephone

Emergency information services / official advisory body:

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Telephone number of the company in case of emergencies:

+1-614-471-5200 (Mon - Fr 8:00h 16:30h EST)

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments)

The mixture is not classified as dangerous in the terms of Directive 1999/45/EC.

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

n.a.

2.3 Other hazards

The mixture does not contain any vPvB (very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 19072006.

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

Component:
Dimethylpolysiloxane; CAS # 63148-62-9; ≈ 20-50% of weight
Vinyl Silicone Polymer; CAS # 67762-94-1 ≈ 35-60% of weight
Methyl Hydrogen Polysiloxane; CAS # 69013-23-6; ≈ 2.0-6.0% of weight
Mixture of Polyorganosiloxanes; CAS # —; ≈ 1.0-5.0% of weight

SECTION 4: First Aid Measures

4.1 Description of first aid measures

Inhalation:

Not required.

Skin Contact:

Wash thoroughly with soap and warm water; if any skin irritation arises and persists consult a doctor.

Eye Contact:

Remove contact lenses. Flush with generous amounts of water for several minutes; consult a doctor if irritation arises and persists.

Ingestion:

Rinse the mouth thoroughly with water. Do not induce vomiting. Consult with doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

If applicable, delayed symptoms and effects can be found in section 11 and the absorption route in Section 4.1.

Eye contact: Mechanical irritation possible.

Temporary symptoms are possible.

In certain cases, the symptoms of poisoning may appear only after an extended period / after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

None known.

SECTION 5: Firefighting Measures

5.1 Extinguishing media

All suitable extinguishing media:

Adapt to the nature and extent of fire.

Water jet spray / foam / CO2 / dry extinguisher.

Cool container at risk with water.

Unsuitable extinguishing media:

None known

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Toxic pyrolysis products.

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire, full protection if necessary.

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Ensure sufficient air supply.

Avoid contact with eyes or skin.

Attempt to stop the escape of the product.

If applicable, caution — risk of slipping.

6.2 Environmental precautions

If leakage occurs, contain via dam.

Resolve leaks if possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g., universal binding agent, sand, diatomaceous earth) and dispose of according to Section 13.

Fill the absorbed material in to lockable containers.

Clean soiled bottles immediately with suitable solvent.

Flush residue using copious water.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and Storage

In addition to information in this section, relevant information can also be found in Section 8 and 6.1

7.1 Precautions for safe handling

7.1.1 General recommendations

Cure mixture only where good ventilation systems exist.

Avoid contact with eyes.

Avoid long-lasting or intensive contact with skin.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures

General hygiene measures for the handling of chemicals applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink, and animal foodstuff.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibles

Store product closed and only in original packing.

Not to be stored in gangways or stairwells.

Do not store with oxidizing agents.

Suitable container: coated steel, polyethylene, polypropylene.

Unsuitable container: uncoated metals.

Store at room temperature.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation, by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals if applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink, and animal foodstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN374).

Recommended

Protective PVC gloves (EN374)

Protective nitrile gloves (EN 374)

Rubber gloves (EN 374)

Protective hand cream recommended.

Skin protection - Other:

Protective working garments (e.g., safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:

Normally not necessary.

Thermal hazards:

If applicable, these are included in the individual protective measures (eye/face, skin,and respiratory protections).

Additional information on hand protection - No tests performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selections of materials derived from glove manufacturer’s indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates, and degradation in to account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

The exact breakthrough time of the glove material can be requested from the the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls.

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid, viscous
Colour:	Transparent
Odor:	Odorless
Odor threshold:	Not determined
pH-value:	n.a.
Melting point/freezing point:	Not determined
Initial boiling point and boiling point range:	n.a.
Flash point:	> 315ºC or 600ºF
Evaporation rate:	< 1
Flammability (solid, gas)	Not determined
Lower explosive limit:	n.a.
Upper explosive limit:	n.a.
Vapour pressure	Not determined
Vapour density (air = 1)	Not determined
Density:	900 kg/m3 (20ºC)
Bulk density:	Not determined
Solubility (ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water)	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	1000 mm2/s (25ºC)
Explosive properties:	Not determined
Oxidising properties:	No

9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Ethanol, Ether, Hydrocarbons
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

See also Subsection 10.2 to 10.6.

10.2 Chemical stability

See also subsection 10.1 to 10.6.
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

See also subsection 10.1 to 10.6.

No decomposition if used as intended.

Hazardous Polymerization: will not occur.

Hazardous thermal decomposition/combustion products: carbon dioxide, carbon monoxide, silicon dioxide, and formaldehyde.

10.4 Conditions to avoid

See also Section 7.
Exposure to strong bases prior to cure can generate hydrogen gas.

10.5 Incompatible materials

See also Section 7.
Avoid contact with strong oxidizing agents.

10.6 Hazardous decomposition products

See also subsection 10.1 to 10.5.
See also section 5.2.
No decomposition if used as directed.

SECTION 11: Toxicological information

Possibly more information on health effects, see Section 2.1 (classification)

QuickCure Rain SensorGel
Toxicity/effect—

Acute toxicity, by oral route:	n.d.a
Acute toxicity, by dermal route:	n.d.a
Acute toxicity, by inhalation:	n.d.a
Skin corrosion/irritation:	n.d.a
Serious eye damage/irritation:	n.d.a
Respiratory or skin sensitization:	n.d.a
Germ cell mutagenicity:	n.d.a
Carcinogenicity:	n.d.a
Reproductive toxicity:	n.d.a
Specific target organ toxicity— single exposure (STOT-SE):	n.d.a
Specific target organ toxicity— repeated exposure (STOT-RE):	n.d.a
Aspiration hazard:	n.d.a
Symptoms:	n.d.a
Other information:	Classification according to calculation procedure.

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification)

QuickCure Rain SensorGel
Toxicity/effect—

Toxicity to fish:	n.d.a
Toxicity to daphnia:	n.d.a
Toxicity to algae:	n.d.a
Persistence and degradability:	n.d.a
Bioaccumulative potential:	n.d.a
Mobility in soil:	n.d.a
Results of PBT and vPvB assessment:	n.d.a
Other adverse effects:	n.d.a

SECTION 13: Disposal considerations

13.1 Waste treatment methods
For the substance/mixture/residual amounts

EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
07 02 17 wastes containing silicones other than those mentioned in 07 02 16
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
E.g., suitable incineration plant.
E.g., dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations
Empty container completely.
Uncontaminated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.
15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
15 01 03 metallic packaging

SECTION 14: Transport information

General statements

UN number:	n.a

Transport by road/by rail (ADR/RID)

UN proper shipping name:	
Transport hazard class(es):	n.a
Packing group:	n.a
Classification code:	n.a
LQ (ADR 2015):	n.a
LQ (ADR 2009):	n.a
Environmental hazards:	n.a
Tunnel restriction code:	n.a

Transport by sea (IMDG-code)

UN proper shipping name:	
Transport hazard class(es):	n.a
Packing group:	n.a
Marine pollutant:	n.a
Environmental hazards:	n.a

Transport by air (IATA)

UN proper shipping name:	
Transport hazard class(es):	n.a
Packing group:	n.a
Environmental hazards:	n.a

Special precautions for user

Unless otherwise specified, general measures for safe transport must be followed.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

For classification and labelling see Section 2.
Observe restrictions:

Directive 2010/75/EU (VOC):	1%
Directive 2010/75/EU (VOC):	10 g/l

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Not applicable

Any abbreviations and acronyms used in this document:

AC	Article categories
acc., acc.to	according, according to
ADR	European agreement concerning the International Carriage of Dangerous Goods by Road
AGW	*Arbeitsplatzgrenzwert,* trans. Workplace Limit Value
CLP	Classification, labelling, and packaging (REGULATION [EC] No 1272/2008)
EC	European Community
EEC	European Economic Community
EN	European norms
EST	Eastern Standard Time
EU	European Union
Fax	Facsimile machine number
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
IMDG	International Maritime Code for Dangerous Goods
ISO	International organization for standardization
MARPOL	International convention for the Prevention of Marine Pollution from Ships
n.a.	Not applicable
n.d.a.	No data available
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Tel.	Telephone
vPvB	Very persistent and very bioaccumulative
VOC	Volatile organic compounds
WEL	Workplace exposure limit

The statements made herein, based on current information and knowledge, are intended to describe necessary safety precautions and are not intended to guarantee definite characteristics.

Statements made by Marcy Enterprises, Inc., 2977 Lamb Ave., Columbus, OH 43219 USA, Tel.: 1-614-471-5200, Fax: 1-614-471-9176