

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 25-Feb-2020

Revision date 25-Feb-2020

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

1.1. Product identifier

Product name Product name:DIY DENT&DING REPAIR KIT(RELEASE AGENT)

1.2. Details of the supplier of the safety data sheet

Supplier HUZHOU GUONENG NEW MATERIAL CO.,LTD
Address NO.1-4#,1518MENGXI ROAD,HUZHOU,ZHEJIANG,CHINA
Postal code 313000
Phone 0086-572-2109399
Fax 0086-572-2352225
E-mail Sales@visbella.com

1.3. Emergency telephone number

0086-572-2352225

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified.

2.2. Label elements

Symbols/Pictograms	None
Signal word	None
Hazard Statements	Not applicable
Precautionary Statements	Not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethylene glycol	203-473-3	107-21-1	10 - 15	Not classified
Water	231-791-2	7732-18-5	95-90	Not classified

SECTION 4: First aid measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact:	Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.
Skin Contact:	Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.
Inhalation:	Remove person to fresh air. If signs/symptoms develop, get medical attention.
If Swallowed:	Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: Firefighting measures

Suitable Extinguishing Media	In case of fire, use Water spray, Carbon Dioxide (CO ₂), Foam,Dry Chemical
Unsuitable Extinguishing Media	N.D.
Unusual Fire and Explosion Hazards:	N.D.
Special Fire Fighting Procedures:	N.D.

SECTION 6: Accidental release measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

SECTION 7: Handling and storage

Handling Flammable:	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/ fumes/ vapor/ spray. Avoid contact with eyes. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.
----------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Storage Flammable: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

SECTION 8: Exposure controls/personal protection

Engineering Controls: No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

Respiratory Protection: None required under normal use conditions.

Skin Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Eye Protection: None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.

Other protective equipment: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

SECTION 9: Physical and chemical properties

Physical State	liquid
Color	Clear
Odor	None
Odor Threshold	N.D.
Solubility	Azeotrope
Partition coefficient Water/n-octanol	N.D.
VOC%	N/A
Viscosity	N.D.
Specific Gravity	0.878
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	95° F
FP Method	N.D.
Ph	N.D.
Melting Point	N.A.
Boiling Point	> 180° F
Boiling Range	N.D.
LEL	2
UEL	12
Evaporation Rate	7.0
Flammability	N.D.
Decomposition Temperature	N.D.
Auto-ignition Temperature	N.D.
Vapor Pressure	733
Vapor Density	> 2.0

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

Eye Contact:	No Data Available
Subchronic effects:	No Data available
Carcinogenicity, tertogenicity and mutagenicity:	No data available.
Other chronic effects:	None Known.

SECTION 12: Ecological information**12.1. Toxicity**

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Disposal should be in accordance with applicable regional, national and local

laws and regulations.

SECTION 14: Transport information

14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.7. Special precautions for user	Not regulated
14.6. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not regulated

SECTION 15: Regulatory information

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

Component	EINECS/ELINCS	SVHC candidates	RESTRICTIONS - REACH TITLE VIII
Ethylene glycol	x	-	-
Water	x	-	-

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International inventories

Component	TSCA	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AICS
Ethylene glycol	x	x	x	x	x	x	x
Water	x	x	x	x	x	x	x

"-" Not Listed

"X" Listed

SECTION 16: Other information

Material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, **GUONENG NEW MATERIAL** does not assume responsibility for any results obtained by persons over whose methods **GUONENG NEW MATERIAL** has no control. It is the user's responsibility to determine the suitability of **GUONENG NEW MATERIAL**'s products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of **GUONENG NEW MATERIAL**'s products. In light of the foregoing, **GUONENG NEW MATERIAL** specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of **GUONENG NEW MATERIAL**'s products. **GUONENG NEW MATERIAL** further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

SAFETY DATE SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 25-May-2018

Revision date 25-May-2018

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

1.4. Product identifier

Product name DIY leather color restoration kit(fix paint)

1.5. Details of the supplier of the safety data sheet

Supplier HUZHO GUONENG NEW MATERIAL CO.,LTD
Address NO.1-4#,1518MENGXI ROAD,HUZHOU,ZHEJIANG,CHINA
Postal code 313000
Phone 0086-572-2109399
Fax 0086-572-2352225
E-mail Sales@chemtg.com

1.6. Emergency telephone number

0086-572-2352225

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified.

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Poly(acrylic resin)	202-415-4	9003-01-4	42-50	Not classified
cristobalite	238-455-4	14464-46-1	30-40	Not classified

Iron oxide black	235-442-5	12227-89-3	12-15	Not classified
------------------	-----------	------------	-------	----------------

SECTION 4: First aid measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: Firefighting measures**5.1 Flammable properties**

Autoignition temperature No Data Available

Flash Point ≥ 200 °F [Test Method: Tagliabue Closed Cup]

Flammable Limits(LEL) No Data Available

Flammable Limits(UEL) No Data Available

5.3 Protection of fire fighters

Special Fire Fighting Procedures: Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

SECTION 6: Accidental release measures

Flammable Small Spill: Absorb with an inert dry material and place in an appropriate waste disposal container.

Flammable Large Spill: Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand

or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

SECTION 7: Handling and storage

Prevention	Keep out of reach of children. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe vapors/fumes. Use only outdoors or in a well-ventilated area.
Handling	Wear protective gloves/eye protection. Wash hands thoroughly after handling. Avoid release to the environment.
Storage	Keep container tightly closed. Store in a well-ventilated area. Keep cool. Store locked up.

SECTION 8: Exposure controls/personal protection

Engineering Controls:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Respiratory Protection:	None required under normal use conditions.
Skin Protection:	None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.
Eye Protection:	None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.
Other protective equipment:	Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

SECTION 9: Physical and chemical properties

Physical State	Liquid
Appearance	Black, white, brown
Odor	none

pH	Not available
Specific Gravity @25 °C	1.14
Freezing/Melting Point	Not available
Solubility in Water	Partially soluble
Boiling Point a)	Not available
Partition Coefficient	Not available
Flash Point a)	Not available
Auto-ignition Temperature c)	Not available

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

Eye Contact:	No Data Available
Subchronic effects:	No Data available
Carcinogenicity, tertogenicity and mutagenicity:	No data available.
Other chronic effects:	None Known.

SECTION 12: Ecological information**12.1. Toxicity**

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.7. Special precautions for user	Not regulated
14.6. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not regulated

SECTION 15: Regulatory information

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

Component	EINECS/ELINCS	SVHC candidates	RESTRICTIONS - REACH TITLE VIII
Poly(acrylic resin)	x	-	-
crystalobalite	x	-	-
Iron oxide black	x	-	-

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International inventories

Component	TSCA	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AICS
Poly(acrylic resin)	x	x	x	x	x	x	x
crystalobalite	x	x	x	x	x	x	x
Iron oxide black	x	x	x	x	x	x	x

"-" Not Listed

"X" Listed

SECTION 16: Other information

Material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Issue date	25-May-2018
Revision date	25-May-2018
Revision note	Not applicable

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, **GUONENG NEW MATERIAL** does not assume responsibility for any results obtained by persons over whose methods **GUONENG NEW MATERIAL** has no control. It is the user's responsibility to determine the suitability of **GUONENG NEW MATERIAL**'s products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of **GUONENG NEW MATERIAL**'s products. In light of the foregoing, **GUONENG NEW MATERIAL** specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of **GUONENG NEW MATERIAL**'s products. **GUONENG NEW MATERIAL** further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

SAFETY DATE SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 25-May-2018

Revision date 25-May-2018

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

1.7. Product identifier

Product name DIY leather color restoration kit(fix oil)

1.8. Details of the supplier of the safety data sheet

Supplier HUZHOU GUONENG NEW MATERIAL CO.,LTD
Address NO.1-4#,1518MENGXI ROAD,HUZHOU,ZHEJIANG,CHINA
Postal code 313000
Phone 0086-572-2109399
Fax 0086-572-2352225
E-mail Sales@chemtg.com

1.9. Emergency telephone number

0086-572-2352225

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

STOT Single Exp. 2 -(H315)

2.2. Label elements

Symbols/Pictograms



Signal word

Warning

Hazard statements

H335 - May Causes respiratory irritation

Precautionary statements

P262 - DO not get in eyes, on skin, or on clothing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical

advice/attention

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Poly(acrylic resin)	202-415-4	9003-01-4	30-40	Not classified
Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated	500-038-2	25322-68-3	20-30	Not classified
2-Hydroxyethyl methacrylate	212-782-2	868-77-9	15-30	Skin Irrit. 2 H315
initiator	216-952-7	1707-68-2	1-5	Not classified

SECTION 4: First aid measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
Skin Contact:	Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention. Wash contaminated clothing and clean shoes before reuse.
Inhalation:	Remove person to fresh air. If signs/symptoms develop, get medical attention.
If Swallowed:	Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: Firefighting measures

Flash Point °F(C°):	n/d
Method:	n/a
Recommended Extinguishing Media:	Water, Carbon Dioxide ,Dry Chemical, Foam.
Special Fire-Fighting Procedures:	Firefighters should wear self-contained breathing apparatus.
Unusual Fire/Explosion Hazards:	None

Lower Explosive Limit:	Not Determined
Upper Explosive Limit:	Not Determined

SECTION 6: Accidental release measures

Flammable Small Spill:	Absorb with an inert dry material and place in an appropriate waste disposal container.
Flammable Large Spill:	Flammable liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed.

SECTION 7: Handling and storage

Storage:	Store in a cool ,dry area.
Handling precautions:	Provide appropriate ventilation/respiratory protection against decomposition products.

SECTION 8: Exposure controls/personal protection

Engineering Controls:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Respiratory Protection:	None required under normal use conditions.
Skin Protection:	None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.
Eye Protection:	None required for normal use. For prolonged exposure, use appropriate goggles, protective clothing and gloves.
Other protective equipment:	Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled, use appropriate protective clothing or equipment
Work/hygienic practices:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

SECTION 9: Physical and chemical properties

Appearance:	liquid
Color:	clear
Odor:	none
Special Gravity:	1.12

Melting point:	Not determined
Boiling point:	Not determined
Flash point:	Not determined
Explosive limits:	Not determined
Solubility in water:	Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None under normal use conditions.

SECTION 11: Toxicological information

Eye Contact:	No Data Available
Subchronic effects:	No Data available
Carcinogenicity, tertogenicity and mutagenicity:	No data available.
Other chronic effects:	None Known.

SECTION 12: Ecological information

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

ethoxylated							
2-Hydroxyethyl methacrylate	x	x	x	x	x	x	x
initiator	x	x	x	x	x	x	x

"-" Not Listed

"X" Listed

SECTION 16: Other information

Material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Issue date

25-May-2018

Revision date

25-May2018

Revision note

Not applicable

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, **GUONENG NEW MATERIAL** does not assume responsibility for any results obtained by persons over whose methods **GUONENG NEW MATERIAL** has no control. It is the user's responsibility to determine the suitability of **GUONENG NEW MATERIAL**'s products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of **GUONENG NEW MATERIAL**'s products. In light of the foregoing, **GUONENG NEW MATERIAL** specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of **GUONENG NEW MATERIAL**'s products. **GUONENG NEW MATERIAL** further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

SAFETY DATE SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 25-May-2018

Revision date 25-May-2018

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

1.1. Product identifier

Product Name **DIY leather color restoration kit(repair glue)**
REACH registration number No information available

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

Recommended Use Applicable to real leather, synthetic PU leather cloth repair. White glue, All solid state and transparent. With flexibility. Can repair any cracks, disserver, burn, tear of leather and fabric.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier HUZHOU GUONENG NEW MATERIAL CO.,LTD
Address NO.1-4#,1518MENGXI ROAD,HUZHOU,ZHEJIANG,CHINA
Postal Code 313000
Phone +86-572-2109399
FAX +86-572-2352225
E-mail sales@chemtg.com

1.4. Emergency telephone number

+86-572-2109399

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified.

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	231-791-2	7732-18-5	30-60	Not classified
Ethylene/va copolymer	429-840-1	24937-78-8	20-40	Not classified
Fatty acids, C18-unsaturated, dimers, polymers with Ethylene glycol	-	68082-28-0	7-15	Not classified

2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene and 2-propenoic acid	-	25767-39-9	6-12	Not classified
---------------------------------------------------------------------------------------------	---	------------	------	----------------

SECTION 4: First aid measures**4.1. Description of first aid measures****General advice**

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.

Eye contact

Immediately flush skin with plenty of water for at least 15 (30 or 60) minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Never give anything by mouth to an unconscious person. Seek immediate medical attention/advice.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides (CO_x).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Do not allow run-off from fire-fighting to enter drains or water courses. Move containers from fire area if you can do it without risk.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

6.4. Reference to other sections

See Section 7 for more information

See section 8 for more information

See section 13 for more information

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Remove all sources of ignition. Wash thoroughly after handling. Use personal protection recommended in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat. Keep away from food, drink and animal feeding stuffs. Store in accordance with local regulations.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

No information available

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls**Engineering Controls**

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses if necessary.

Hand Protection Wear protective gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards None under normal processing

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance

Liquid

Color	Colorless and transparent
Odor	Intensely irritating
Odor Threshold	Not determined
pH	4-5
Melting point/freezing point	Not determined
Boiling point / boiling range	100 °C
Flash point	200 °F
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Explosive limits	Not determined
Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not determined
Density	1.3g/cm ³
Relative density	Not determined
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic viscosity	>2000 mPa.s
Explosive properties	Not an explosive
Oxidizing properties	Not determined

9.2. Other information

No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommended storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

No information available.

Skin corrosion/irritation

Non-irritating to the skin.

Serious eye damage/eye irritation

No eye irritation.

Sensitization

No sensitization responses were observed.

Germ cell mutagenicity

No information available.

Carcinogenicity

No information available

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information**12.1. Toxicity**

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.5. Environmental hazards	Not regulated
14.6. Special precautions for user	No information available
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	Does not apply

SECTION 15: Regulatory information

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

European Union

Component	EINECS/ELINCS	SVHC candidates	RESTRICTIONS - REACH TITLE VIII
Water 7732-18-5 (30-60)	X	-	-
Ethylene/va copolymer 24937-78-8 (20-40)	X	-	-

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Take note of Directive 94/33/EC on the protection of young people at work

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

International Inventories

Component	TSCA	DSL/NDSL	ENCS	IECSC	KECL	PICCS	AICS
Water 7732-18-5 (30-60)	X	X	-	X	X	X	X
Ethylene/va copolymer 24937-78-8 (20-40)	X	X	X	X	X	X	X
Fatty acids, C18-unsaturated, dimers, polymers with Ethylene glycol 68082-28-0 (7-15)	X	X	-	X	X	-	X
2-Propenoic acid, 2-methyl-, methyl ester, polymer with ethenylbenzene and 2-propenoic acid 25767-39-9 (6-12)	X	X	X	X	X	-	-

"-" Not Listed

"X" Listed

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Issue date 25-May-2018
Revision date 25- May2018
Revision note Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

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

Key literature references and sources for data

ECHA: <http://echa.europa.eu/>

Full text of H-Statements referred to under section 3

Not classified

Disclaimer

The information provided in this Material 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.
