



CAR CARE INTERNATIONAL LTD.

SAFETY DATA SHEET

Issuing Date 07-Aug-2013

Revision Date 18-June-2015

Revision Number 2

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Rain-X Windshield Repair Kit

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

Recommended Use Consumer use

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Importer

Kraco Car Care International Ltd.
Grosvenor House
20 Barrington Road
WA14 1HB
Altrincham
Cheshire
United Kingdom
TEL: +44 (0) 161 88 40084

Company

Kraco Car Care International Ltd.
Grosvenor House
20 Barrington Road
WA14 1HB
Altrincham
Cheshire
United Kingdom
TEL: +44 (0) 161 88 40084

For further information, please contact

E-mail Address KCCI-orders@Kraco.com

1.4. Emergency telephone number

Emergency Telephone Number +44 7071 223 738

Europe	112
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Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

Physical Hazards

None

2.2. Label Elements



Signal Word

Warning

Hazard Statements

- H315 - Causes skin irritation
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation
- H410 - Very toxic to aquatic life with long lasting effects
- EUH210 - Safety data sheet available on request

Precautionary Statements - EU (§28, 1272/2008)

- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P271 - Use only outdoors or in a well-ventilated area
- P312 - Call a POISON CENTER or doctor/ physician if you feel unwell
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
- P405 - Store locked up
- P273 - Avoid release to the environment

Precautionary Statements

- P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray
- P264 - Wash face, hands and any exposed skin thoroughly after handling
- P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
- P332 + P313 - If skin irritation occurs: Get medical advice/ attention
- P362 - Take off contaminated clothing and wash before reuse
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P337 + P313 - If eye irritation persists: Get medical advice/ attention
- P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
- P312 - Call a POISON CENTER or doctor/ physician if you feel unwell
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
- P405 - Store locked up
- P501 - Dispose of contents/ container to an approved waste disposal plant
- P273 - Avoid release to the environment
- P391 - Collect spillage

2.3. Other information

None known

Section 3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name	EC-No	CAS-No	Weight %	EU - GHS Substance Classification	REACH No.

Dodecyl methacrylate	205-570-6	142-90-5	95-99	Skin Irrit. 2 (H315) STOT SE 3 (H335) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	No data available
Methacrylic acid	201-204-4	79-41-4	<5	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Corr. 1A (H314)	No data available

For the full text of the H-Statements mentioned in this Section, see Section 16

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash skin with soap and water. Get medical attention if irritation develops and persists. Take off contaminated clothing and wash before reuse.
Ingestion	Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Protection of First-aiders	Avoid contact with skin, eyes and clothing. Use personal protective equipment.

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

Most Important Symptoms/Effects Irritation.

4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media

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

Extinguishing media which must not be used for safety reasons

None.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Refer to protective measures listed in Sections 7 and 8.

6.2. Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and materials for containment and cleaning up

Dike far ahead of liquid spill for later disposal.

Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Handling

Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Remove and wash contaminated clothing before re-use.

Hygiene Measures

Remove and wash contaminated clothing before re-use. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Provide regular cleaning of equipment, work area and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

7.3. Specific end use(s)

Exposure Scenario

No information available.

Other Guidelines

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical Name	EU	The United Kingdom	France	Spain	Germany
Methacrylic acid 79-41-4		STEL: 40 ppm STEL: 143 mg/m ³ TWA: 20 ppm TWA: 72 mg/m ³	VME: 20 ppm VME: 70 mg/m ³	VLA-ED: 20 ppm VLA-ED: 72 mg/m ³	MAK: 5 ppm MAK: 18 mg/m ³ Ceiling / Peak: 10 ppm Ceiling / Peak: 36 mg/m ³
Component	Italy	Portugal	The Netherlands	Finland	Denmark
Methacrylic acid 79-41-4 (<5)		TWA: 20 ppm		TWA: 20 ppm TWA: 71 mg/m ³	TWA: 20 ppm TWA: 70 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland

Methacrylic acid 79-41-4	MAK: 20 ppm MAK: 70 mg/m ³	STEL: 10 ppm STEL: 36 mg/m ³ MAK: 5 ppm MAK: 18 mg/m ³		TWA: 20 ppm TWA: 70 mg/m ³ STEL: 30 ppm STEL: 105 mg/m ³	TWA: 20 ppm TWA: 70 mg/m ³ STEL: 40 ppm STEL: 140 mg/m ³
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Derived No Effect Level No information available
Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Measures Showers, eyewash stations, and ventilation systems.
Personal protective equipment
Eye Protection Tightly fitting safety goggles.
Skin and Body Protection Wear protective gloves/clothing
Hand Protection Protective gloves.
Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental Exposure Controls Do not allow material to contaminate ground water system.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State Liquid
Appearance Clear
Odor Sharp

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	~ 180 °C / ~ 356 °F	None known
Flash Point	> 94 °C / > 200 °F	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Relative Density	1.01	None known
Water Solubility	Insoluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

9.2. Other information

VOC Content (%) No information available
Flammability Limits in Air No data available

Section 10. Stability and reactivity

10.1. Reactivity
 No data available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Carbon oxides. Thermal decomposition can lead to release of irritating gases and vapors.

Section 11. Toxicological information

11.1. Information on toxicological effects**Acute Toxicity****Product Information****Inhalation**

May cause irritation of respiratory tract.

Eye Contact

Causes serious eye irritation.

Skin Contact

Causes skin irritation.

Ingestion

May cause irritation to the gastrointestinal tract.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Dodecyl methacrylate	>5000 mg/kg (Rat)	>3000 mg/kg (Rat)	
Methacrylic acid	= 1060 mg/kg (Rat)	= 500 mg/kg (Rabbit)	= 7.1 mg/L (Rat) 4 h

Sensitization

No information available.

Mutagenic Effects

No information available.

Carcinogenic Effects

Contains no ingredient listed as a carcinogen

Reproductive Toxicity

No information available.

Developmental Toxicity

No information available.

STOT - single exposure

May cause respiratory irritation

STOT - repeated exposure

No information available.

Aspiration Hazard

No information available.

Section 12. Ecological information

12.1. Toxicity**Ecotoxicity Effects**

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential.

Chemical Name	Log Pow

Dodecyl methacrylate	6.45
Methacrylic acid	0.93

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products	Dispose of in accordance with local regulations.
Contaminated Packaging	Do not re-use empty containers.
Other Information	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

Section 14. Transport information

IMDG/IMO

14.1. UN-Number	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Hazard Class	Not regulated
14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Marine Pollutant	None
Environmental hazard	None
14.6. Special Provisions	None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available.

RID

14.1. UN-Number	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Hazard Class	Not regulated
14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Environmental hazard	None
14.6. Special Provisions	None

ADR

14.1. UN-Number	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Hazard Class	Not regulated

14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Environmental hazard	None
14.6. Special Provisions	None

ICAO

14.1. UN-Number	Not regulated
14.2. Proper shipping name	Not regulated
14.3. Hazard Class	Not regulated
14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Environmental hazard	None
14.6. Special Provisions	None

IATA

14.1. UN-Number	Not regulated
14.2. Proper Shipping Name	Not regulated
14.3. Hazard Class	Not regulated
14.4. Packing Group	Not regulated
Description	Not applicable
14.5. Environmental hazard	None
14.6. Special Provisions	None

Section 15. Regulatory information

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

International Inventories

TSCA	Complies
EINECS/ELINCS	Complies
DSL/NDSL	Complies
PICCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment

No information available

Section 16. Other information

Full text of H-Statements referred to under sections 2 and 3

H315 - Causes skin irritation
H335 - May cause respiratory irritation
H319 - Causes serious eye irritation
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
H302 - Harmful if swallowed
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage

Key literature references and sources for data

www.ChemADVISOR.com/

Issuing Date	07-Aug-2013
Revision Date	18-June-2015
Revision Note	Update to Transportation information

This safety data sheet complies with the requirements of Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of Safety Data Sheet