

Safety Data Sheet

Product Name: Rage Ultra Xtra, 1 gallon

Product identifier: 100144

Revision Date: 08-19-2016

Replaces:



1. Identification

Product identifier used on the label:

Product Name: **Rage Ultra Xtra, 1 gallon**

Product identifier: 100144

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Automotive repair

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Chemical Manufacturer /
Importer / Distributor: ITW Evercoat
a division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, OH 45242
513-489-7600

Emergency phone number: CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols:



GHS Classification:

Respiratory Sensitisation Category 1
Skin Sensitisation Category 1
Reproductive Toxicity Category 1B
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Germ Cell Mutagenicity Category 2
Carcinogenicity Category 2
Flammable Liquid Category 3
Hazardous to the aquatic environment - Acute Category 3

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GHS Signal Word:

Danger

GHS Hazard Statements:

Flammable liquid and vapour.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Suspected of causing genetic defects.

Suspected of causing cancer.

May damage fertility or the unborn child.

Causes damage to organs.

Causes damage to organs through prolonged or repeated exposure.

Harmful to aquatic life.

GHS Precautionary Statements:**Safety Precautions:**

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.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapours/spray.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing should not be allowed out of the workplace.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

Wear respiratory protection.

First Aid Measures:

IF ON SKIN: Wash with plenty of soap and water.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed: Call a POISON CENTER or doctor/physician.

IF exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Specific treatment (see on this label).

If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

Wash contaminated clothing before reuse.

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| | |
|--|---|
| Storage: | In case of fire: Use appropriate media to extinguish. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. |
| Disposal: | Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes. |
| Hazards not otherwise classified: | No data available |

3. Composition/information on ingredients

| Chemical Component: | CAS number and other unique identifiers | % (or range) of ingredient |
|--------------------------|--|----------------------------|
| Styrene | 100-42-5 | 10 - 30 |
| Titanium dioxide | 13463-67-7 | 0.5 - 1.5 |
| Acid anhydride | 85-43-8 | 0.1 - 1 |
| Methoxy 2-propyl Acetate | 108-65-6 | 0.1 - 1 |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

| | |
|----------------------|---|
| Eye Contact: | Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. |
| Skin Contact: | Wash with soap and water. Get medical attention if irritation develops or persists. |
| Inhalation: | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately |
| Ingestion: | Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS. |

Most important symptoms/effects, acute and delayed:

Most important No data available

symptoms/effects (Acute):

Most important No data available

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symptoms/effects (Delayed):

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire. Carbon dioxide Alcohol foam Dry chemical

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Fire and/or Explosion Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures: No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods and materials for containment and cleaning up: No special spill clean-up considerations. Collect and discard in regular trash.

7. Handling and storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure. Use spark-proof tools and explosion-proof equipment

Conditions for safe storage, including any incompatibilities

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Conditions for safe storage: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents Peroxides Strong acids Acids Aluminum alloys Ammonia Metals

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

| Chemical Component | OSHA PEL | ACGIH TLV-TWA | ACGIH STEL |
|--------------------|----------------------|----------------------|---|
| Styrene | 100 ppm | 20 ppm | 40 ppm STEL; 170 mg/m ³ STEL |
| Titanium dioxide | 15 mg/m ³ | 10 mg/m ³ | No data available |

Appropriate engineering controls: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Individual protection measures, such as personal protective equipment:

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear splash-proof safety goggles if material could be misted or splashed into eyes. Wear goggles if dusts can reach the exposure limit.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Other Protective Equipment: Wear splash-proof safety goggles if material could be misted or splashed into eyes. Wear goggles if dusts can reach the exposure limit.

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9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state):

Liquid

Color:

Yellow

Odor:

Aromatic solvent odor

Odor threshold:

No data available

pH:

7

Melting Point/Freezing Point (°C):

No data available

Initial Boiling Point and Boiling Range (°C):

145

Flash Point (°C):

32

Evaporation Rate:

No data available

Flammability (solid, gas):

No data available

Upper/lower flammability or explosive limits:

Upper Flammable/Explosive Limit (%):

6.1 %

Lower Flammable/Explosive Limit (%):

1.1 %

Vapor Pressure:

No data available

Vapor Density:

No data available

Relative Density:

1.03

Solubility(ies):

Insoluble

Partition coefficient: n-octanol/water:

1.36

Auto-ignition Temperature (°C):

No data available

Decomposition Temperature:

No data available

Viscosity:

No data available

VOC (as packaged-less exempts and water):

1.42 lbs/gal or 170 g/L

VOC (as applied* - 2% by wt hardener- less exempts and water):

0.05 lbs/gal or 6 g/L

Percent Solids by weight – as packaged:

82.2

Percent Solids by weight – as applied* - 2% by wt hardener:

99.6

10. Stability and reactivity

Reactivity:

No data available

Chemical stability:

Stable under normal conditions.

Possibility of hazardous reactions:

No data available

Conditions to avoid (e.g., static discharge, shock, or vibration):

Contamination

Incompatible materials:

Strong oxidizing agents Peroxides Strong acids Acids Aluminum alloys Ammonia Metals

Hazardous decomposition products:

Carbon dioxide, Carbon monoxide

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11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Inhalation, Eye contact, Skin contact, Ingestion

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Can cause mechanical irritation if dusts are generated.

Inhalation Toxicity: Harmful! Can cause systemic damage (see "Target Organs")

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Skin Absorption: No absorption hazard in normal industrial use.

Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Can cause mechanical irritation if dusts are generated.

Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Ingestion Toxicity: Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

Carcinogenicity: Suspected of causing cancer.

Reproductive and Developmental Toxicity: May damage fertility or the unborn child.

Mutagenicity: Suspected of causing genetic defects.

Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")

Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

| Chemical Component | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------|--------------------------|-------------|----------------------------------|
| Styrene | Oral LD50 Rat 5000 mg/kg | | Inhalation LC50 (4h) Rat 24 g/m3 |
| Acid anhydride | Oral LD50 Rat 5410 mg/kg | | |

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Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

| Chemical Name | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen |
|------------------|-----------------|-----------------|----------------|
| Styrene | N | Y | Y |
| Titanium dioxide | N | Y | N |

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): Toxic to aquatic life.
Persistence and degradability: No data available
Bioaccumulative potential: No data
Mobility in soil: No data available
Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

| Chemical Component | Aquatic EC50 Crustacea | Aquatic EC50 Algae | Aquatic LC50 Fish |
|--------------------|---|--------------------|-----------------------------------|
| Titanium dioxide | Aquatic EC50 (48h) Daphnia > 1000 ml/l | | Aquatic LC50 (96h) > 1000 MG/L |

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Description of waste residues: Spent or discarded material is a hazardous waste.
Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s): D001

14. Transport information

UN number: UN3269
UN proper shipping name: POLYESTER RESIN KIT
Transport hazard class(es): 3
Packing group: III

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

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15. Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA Status: All components in this product are on the TSCA Inventory.

Regulated Components

| Chemical Component | CAS number and other unique identifiers | CERCLA | SARA EHS | SARA 313 | California Prop 65 |
|-----------------------------|---|--------|----------|----------|--------------------|
| Styrene | 100-42-5 | N | N | Y | Y |
| Titanium dioxide | 13463-67-7 | N | N | Y | Y |
| Crystalline Silica (Quartz) | 14808-60-7 | N | N | N | Y |
| N,N dimethyl-p-Toluidine | 99-97-8 | N | N | N | Y |
| Styrene Oxide | 96-09-3 | N | N | Y | Y |

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

Revision Date: 08-19-2016

Revision Number: 7

Disclaimer: NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances