



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

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<b>1.1 Product identifier</b>	104106 Rage Gold
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Automotive repair
<b>1.3 Details of the supplier of the safety data sheet</b>	ITW Evercoat a division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, OH 45242 513-489-7600
<b>1.4 Emergency telephone number</b>	CHEM TEL: +1-813-248-0585

**SECTION 2 Hazards identification**

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**2.1 Classified in accordance to (EC) No. 1272/2008**

<b>2.1 Classified in accordance to (EC) No. 1272/2008</b>	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 2 Germ Cell Mutagenicity Category 2 Carcinogenicity Category 2 Flammable Liquid Category 3
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<b>Classified in accordance to (EC) No 67/548/EEC</b>	Xn - Harmful Xi - Irritant
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<b>Health Hazard Data</b>	R36/37/38 - Irritating to eyes, respiratory system and skin; R20 - Harmful by inhalation
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<b>Environmental Effects</b>	R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
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<b>Physiochemical Effects</b>	R10 - Flammable
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**2.2 Label elements**

<b>Pictogram</b>	
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<b>Signal Word</b>	Danger
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# Safety Data Sheet

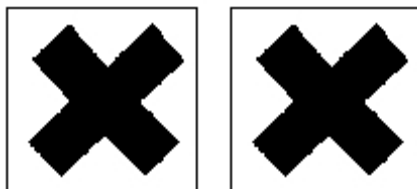
Revision Date 18-07-2015

Revision Number 6

<b>Hazard Statements</b>	H226 - Flammable liquid and vapour. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. H341 - Suspected of causing genetic defects. H351 - Suspected of causing cancer. H360D - May damage the unborn child. H370 - Causes damage to organs. H372 - Causes damage to organs through prolonged or repeated exposure.
<b>Precautionary Statements</b>	P201 - Obtain special instructions before use. P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P233 - Keep container tightly closed. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P281 - Use personal protective equipment as required.

<b>Indications of Danger</b>	Xn - Harmful Xi - Irritant
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EU Symbols



2.3 Other hazards No data available

## SECTION 3 Composition/information on ingredients

Chemical Name	%	CAS # Reach registration no	(EC) No 1272/2008	1999/45/EC
Styrene	10 - 30	100-42-5	Asp. Tox. 1; H304 Acute Tox. 4; H332 Acute Tox. 4; H332 Acute Tox. 4; H332 Carc. 2; H351 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Muta. 2; H341 Repr. 1B; H360 Skin Irrit. 2; H315 STOT RE 1; H372 STOT SE 1; H370	XN R10 R20 R36/38

Acid anhydride	0.5 - 1.5	85-43-8	Aquatic Chronic 3; H412 Eye Dam. 1; H318 Resp. Sens. 1; H334 Skin Sens. 1; H317	XI R36/37
Titanium dioxide	0.1 - 1	13463-67-7	Carc. 2; H351	

**For full text of H-Statements and R-Phrases: See section 16**

#### **SECTION 4 First aid measures**

##### **4.1 Description of first aid measures**

<b>Inhalation</b>	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. Get medical attention immediately. Keep the victim warm and quiet. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice.
<b>Eye Contact</b>	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.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Seek medical advice if symptoms persist. Wash clothing before reuse.
<b>Ingestion</b>	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. Do not induce vomiting unless directed to do so by medical personnel.
<b>4.4 Self protection of the first aider</b>	No data available

##### **4.2 Most important symptoms and effects, both acute and delayed**

**Symptom**            See Section 4.1

##### **4.3 Indication of any immediate medical attention and special treatment needed**

**Note to Doctor**    No additional first aid information available

#### **SECTION 5 Firefighting measures**

<b>5.1 Extinguishing media</b>	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 Dry chemical
<b>Unsuitable extinguishing media</b>	No data available
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Fire and/or Explosion Hazards</b>	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.
<b>Hazardous Combustion Products</b>	Carbon dioxide, Carbon monoxide, Hydrocarbons
<b>5.3 Advice for firefighters</b>	
<b>Fire Fighting Methods and Protection</b>	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.

**SECTION 6 Accidental release measures**

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**6.1 Personal precautions, protective equipment and emergency procedures**

**For Non-emergency Personnel**  
**For emergency responders**

Non-emergency personnel should be kept clear of the area. 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

**6.2 Environmental precautions**

No data available

**6.3 Methods and material for containment and cleaning up**

No special spill clean-up considerations. Collect and discard in regular trash. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

**6.4 Reference to other sections**

Refer to section 13 for disposal information.

**SECTION 7 Handling and storage**

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**7.1 Precautions for safe handling**

Mildly irritating material. Avoid unnecessary exposure. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Store in a cool dry place Keep away from heat, sparks, and flame Store in a tightly closed container

**7.3 Specific end use(s)**

Automotive repair

**SECTION 8 Exposure controls/personal protection**

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**8.1 Control parameters**

<b>Chemical Name</b>	<b>ACGIH TLV-TWA</b>	<b>ACGIH STEL</b>	<b>IDLH</b>
Styrene	20 ppm	40 ppm STEL; 170 mg/m <sup>3</sup> STEL	No data available

**8.2 Exposure controls**

**Engineering Measures**

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. Explosion proof exhaust ventilation should be used.

**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.

**Eye Protection**

Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

**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.

**Gloves**

No information available

Thermal hazards      No data available

## SECTION 9 Physical and chemical properties

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### 9.1 Information on basic physical and chemical properties

Physical State	Paste
Colour	Yellow
Odour	Aromatic
Odour Threshold	No data available
pH	Neutral
Melting point / Freezing point (°C)	-30.6
Initial boiling point and boiling range (°C)	145
Flash Point (°C)	34
Evaporation Rate	Not determined
Flammability (Solid, gas)	No data available
Upper Flammable/Explosive Limit, % in air	6.1
Lower Flammable/Explosive Limit, % in air	1.1
Vapour Pressure	5.0 mmHg @ 68 °F / 20 °C
Vapour Density	Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.
Relative Density	1.12
Solubility(ies)	Minimal; 1-9%
Partition coefficient: n-octanol/water	1.36
Autoignition Temperature (°C)	490
Decomposition Temperature	No data available
Viscosity	102,000-120,000
Explosive properties	No data available
Oxidizing properties	No data available

9.2 Other information      No data available

## SECTION 10 Stability and reactivity

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10.1 Reactivity	No data available
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No data available
10.4 Conditions to avoid	Contamination
10.5 Incompatible materials	Peroxides; Strong acids; Strong oxidizing agents
10.6 Hazardous decomposition products	Carbon dioxide Carbon monoxide Hydrocarbons

## SECTION 11 Toxicological information

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### 11.1 Information on toxicological effects

#### Component Toxicology Data

Chemical Name	CAS Number	Oral LD50	Dermal LD50	Inhalation LC50
No data available				

## SECTION 12 Ecological information

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<b>12.1 Toxicity</b>	No data available
<b>12.2 Persistence and degradability</b>	No data available
<b>12.3 Bioaccumulative potential</b>	No data available
<b>12.4 Mobility in soil</b>	No data available
<b>12.5 Results of PBT and vPvB assessment</b>	No data available
<b>12.6 Other adverse effects</b>	No data available
<b>12.7 Additional information</b>	No data available

### Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

### SECTION 13 Disposal considerations

#### 13.1 Waste treatment methods

<b>Waste Description for Spent Product</b>	Spent or discarded material is a hazardous waste.
<b>Disposal Methods</b>	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
<b>Waste Disposal Code(s) (European Waste Catalogue)</b>	W080111

### SECTION 14 Transport information

#### Ground:

<b>14.1 UN number:</b>	UN3269
<b>14.2 UN proper shipping name:</b>	POLYESTER RESIN KIT
<b>14.3 Transport hazard class(es):</b>	3
<b>14.4 Packing group:</b>	III
<b>Exemptions:</b>	Limited Quantity

#### Air:

<b>14.1 UN number:</b>	UN3269
<b>14.2 UN proper shipping name:</b>	POLYESTER RESIN KIT
<b>14.3 Transport hazard class(es):</b>	3
<b>14.4 Packing group:</b>	III

#### Water:

<b>14.1 UN number:</b>	UN3269
<b>14.2 UN proper shipping name:</b>	POLYESTER RESIN KIT
<b>14.3 Transport hazard class(es):</b>	3
<b>14.4 Packing group:</b>	III
<b>Exemptions:</b>	Limited Quantity

<b>14.5 Environmental hazards:</b>	No
<b>14.6 Special precautions for user:</b>	No data available
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>	No data available

**SECTION 15 Regulatory information**

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

<b>Chemical Name</b>	<b>EINECS</b>	<b>SVHC</b>
Styrene	Y	N
Acid anhydride	Y	N
Zinc Phosphate	Y	N
Titanium dioxide	Y	N
Ethylene Glycol phenyl ether	Y	N
Crystalline Silica (Quartz)	Y	N
Methanol	Y	N
1,4-Naphthoquinone	Y	N
Hydroquinone	Y	N
Styrene Oxide	Y	N
p-Toluidene	Y	N

**15.2 Chemical safety assessment**    No data available

**SECTION 16 Other information**

<b>Hazard phrase(s) referenced in section 3</b>	<p>H225 - Highly flammable liquid and vapour.  H226 - Flammable liquid and vapour.  H301 - Toxic if swallowed.  H302 - Harmful if swallowed.  H304 - May be fatal if swallowed and enters airways.  H311 - Toxic in contact with skin.  H312 - Harmful in contact with skin.  H315 - Causes skin irritation.  H317 - May cause an allergic skin reaction.  H318 - Causes serious eye damage.  H319 - Causes serious eye irritation.  H331 - Toxic if inhaled.  H332 - Harmful if inhaled.  H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.  H341 - Suspected of causing genetic defects.  H350 - May cause cancer.  H351 - Suspected of causing cancer.  H360 - May damage fertility or the unborn child.  H371 - May cause damage to organs.  H372 - Causes damage to organs through prolonged or repeated exposure.  H373 - May cause damage to organs through prolonged or repeated exposure.  H400 - Very toxic to aquatic life.  H410 - Very toxic to aquatic life with long lasting effects.  H412 - Harmful to aquatic life with long lasting effects.</p>
<b>Risk Phrase(s) referenced in section 3</b>	<p>R10 - Flammable  R11 - Highly flammable  R20 - Harmful by inhalation  R20/22 - Harmful by inhalation and if swallowed  R21 - Harmful in contact with skin  R22 - Harmful if swallowed</p>

R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed  
R23/25 - Toxic by inhalation and if swallowed  
R36 - Irritating to eyes  
R36/37 - Irritating to eyes and respiratory system  
R36/38 - Irritating to eyes and skin.  
R43 - May cause sensitization by skin contact  
R45 - May cause cancer  
R50 - Very toxic to aquatic organisms  
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Precautionary Statements**

**Prevention**

P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P242 - Use only non-sparking tools.  
P243 - Take precautionary measures against static discharge.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P281 - Use personal protective equipment as required.  
P285 - In case of inadequate ventilation wear respiratory protection.  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P307+P311 - IF exposed: Call a POISON CENTER or doctor/physician.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P314 - Get medical advice/attention if you feel unwell.  
P321 - Specific treatment (see on this label).  
P332+P313 - If skin irritation occurs: Get medical advice/attention.  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  
P362 - Take off contaminated clothing and wash before reuse.  
P363 - Wash contaminated clothing before reuse.  
P370+P378 - In case of fire: Use for extinction.

**Storage**

P233 - Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.



**Disposal**

P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with  
local/regional/national/international regulation for hazardous wastes.

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