# Safety Data Sheet

Prepared in accordance with Commission Regulation (EU) 2015/830

Revision Date: 16-09-2016

Revision Number: 10

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

1. **Product identifier**
   - 00277
   - 00245 - 00279 Vinyl, Plastic, & Carpet Dye - Aerosol

2. **Relevant identified uses of the substance or mixture and uses advised against**
   - Dye

3. **Details of the supplier of the safety data sheet**
   - ITW Evercoat
   - a division of Illinois Tool Works Inc.
   - 1275 Round Table Drive
   - Dallas, TX 75247

4. **Emergency telephone number**
   - CHEM TEL: +1-813-248-0591

## SECTION 2 Hazards identification

1. **Classification of the substance or mixture**
   - **Classified in accordance to (EC) No. 1272/2008**
     - Serious Eye Damage/Eye Irritation Category 1
     - Germ Cell Mutagenicity Category 1B
     - Carcinogenicity Category 1B
     - Skin Corrosion/Irritation Category 2
     - Reproductive Toxicity Category 2
     - Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
     - Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3

2. **Label elements**
   - **Labelling according to Regulation (EC) No 1272/2008 [CLP]**

   **Hazard pictograms**
   - ![Pictogram]

   **Signal Word**
   - Danger

   **Hazard Statements**
   - H315 - Causes skin irritation.
   - H318 - Causes serious eye damage.
H336 - May cause drowsiness or dizziness.
H340 - May cause genetic defects.
H350 - May cause cancer.
H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements
P201 - Obtain special instructions before use.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

Supplemental Hazard information (EU)
No data available

2.3 Other hazards
No data available

SECTION 3 Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>%</th>
<th>CAS #</th>
<th>(EC) No 1272/2008</th>
<th>M Factor</th>
<th>SCL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>15 - 40</td>
<td>67-64-1</td>
<td>Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H335, H336 EUH066</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Petroleum gases, liquefied</td>
<td>10 - 30</td>
<td>68476-86-8</td>
<td>Carc. 1B; H350 Press. Gas (*); H280 Flam. Gas 1; H220 Muta. 1B; H340</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Toluene</td>
<td>10 - 30</td>
<td>108-88-3</td>
<td>Asp. Tox. 1; H304 Flam. Liq. 2; H225 Repr. 2; H361 Skin Irrit. 2; H315 STOT RE 2; H373 STOT SE 3; H335, H336</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>5 - 10</td>
<td>78-93-3</td>
<td>Eye Irrit. 2; H319 Flam. Liq. 2; H225</td>
<td>No data available</td>
<td>No data available</td>
</tr>
</tbody>
</table>
## SECTION 4 First aid measures

### 4.1 Description of first aid measures

**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. If symptoms develop, immediately move individual away from exposure and into fresh air. 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.

**Eye Contact**  
Immediately 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 and monitor the eye daily as advised by your physician. No data available.

**Skin Contact**  
Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Wash affected area thoroughly with soap and water. Seek medical advice if symptoms persist. Wash clothing before reuse. Thoroughly wash or discard clothing and shoes before reuse.

**Ingestion**  
Corrosive. Do not induce vomiting! Drink one glass of water followed by milk if available. Seek medical attention immediately and give the medical care provider with this MSDS. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

**Self protection of the first aider**  
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

<table>
<thead>
<tr>
<th>Compound</th>
<th>Concentration</th>
<th>P.I.</th>
<th>Acute tox.</th>
<th>Flammable</th>
<th>Skin Irrit.</th>
<th>STOT SE</th>
<th>H-number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1 - 5</td>
<td>1330-20-7</td>
<td>Acute Tox. 4; H312 Acute Tox. 4; H332 Acute Tox. 4; H332 Acute Tox. 4; H332 Flam. Liq. 3; H226 Skin Irrit. 2; H315</td>
<td>No data available</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>1 - 5</td>
<td>71-36-3</td>
<td>Acute Tox. 4; H302 Eye Dam. 1; H318 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H335, H336</td>
<td>No data available</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For full text of H-statements; See Section 16
Note to Doctor  No additional first aid information available

SECTION 5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media  Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and keep exposed material from being damaged by fire. Regular foam Carbon dioxide Dry chemical

Unsuitable extinguishing media  No data available

5.2 Special hazards arising from the substance or mixture
Fire and/or Explosion Hazards  Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back

Hazardous Combustion Products  Toxic and corrosive gases, Carbon dioxide, Carbon monoxide, Hydrocarbons, Carbon dioxide, Carbon monoxide

5.3 Advice for firefighters
Fire Fighting Methods and Protection  Do not enter fire area without proper protection including self-contained toxic 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. Use water spray/fog for cooling. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use methods for the surrounding fire.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For Non-emergency Personnel  Non-emergency personnel should be kept clear of the area.

For emergency responders  Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
6.2 Environmental precautions

No data available

6.3 Methods and material for containment and cleaning up

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

6.4 Reference to other sections

Refer to section 13 for disposal information.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Use spark-proof tools and explosion-proof equipment

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. Keep away from sources of ignition

7.3 Specific end use(s)

Dye

SECTION 8 Exposure controls/personal protection

8.2 Exposure controls

Appropriate engineering controls

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Individual protection measures, such as personal protective equipment

Eye and face protection

Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available. Splash proof chemical goggles are recommended to protect against the splash of product. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin Protection
Hand protection

Nitrile Neoprene

Other skin protection

Wear protective gloves. Inspect gloves for chemical breakthrough and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection

Respiratory protection will be required when handling this product. Use respirators only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage must be implemented.

Respirator Type(s)

NIOSH approved air purifying respirator with organic vapor cartridge and HEPA filter. Air purifying respirators should not be used in oxygen deficient or IDLH atmospheres.

Thermal hazards

No data available

Environmental exposure controls

No data available

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Black</td>
</tr>
<tr>
<td>Odour</td>
<td>Aromatic solvent odor</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point / Freezing point (°C)</td>
<td>-95 -86</td>
</tr>
<tr>
<td>Initial boiling point and boiling range (°C)</td>
<td>56</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>12.8</td>
</tr>
</tbody>
</table>
Limit, % in air

<table>
<thead>
<tr>
<th>Limit, % in air</th>
<th>7.0 %</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.4</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
<tr>
<td>11.2 %</td>
<td></td>
</tr>
</tbody>
</table>

Lower Flammable/Explosive Limit, % in air

<table>
<thead>
<tr>
<th>Vapour Pressure</th>
<th>No data available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vapour Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Complete; 100% Low; 10-49% Minimal; 1-9%</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>1.36</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>465</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2 Other information

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

No data available

10.4 Conditions to avoid

Sparks, open flame, other ignition sources, and elevated temperatures.

Contamination

10.5 Incompatible materials

Hydrogen peroxide; Strong oxidizing agents; Acids; Aluminum alloys; Ammonia; Strong acids

10.6 Hazardous decomposition products

Toxic and corrosive gases, Carbon dioxide Carbon monoxide Hydrocarbons Carbon dioxide, Carbon monoxide

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

<table>
<thead>
<tr>
<th>pH</th>
<th>No data available</th>
</tr>
</thead>
</table>

Classification is based on pH and the components listed in Section 3.

Serious eye damage/irritation
Classification is based on pH and the components listed in Section 3.

**Respiratory or skin sensitization**
Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**
Classification has been based on toxicological information of the components in Section 3.

**Carcinogenicity**
Classification has been based on toxicological information of the components in Section 3.

**Reproductive toxicity**
Classification has been based on toxicological information of the components in Section 3.

**STOT-single exposure**
Classification has been based on toxicological information of the components in Section 3.

**STOT-repeated exposure**
Classification has been based on toxicological information of the components in Section 3.

**Aspiration hazard**
Based on available data, the classification criteria are not met.

### SECTION 12 Ecological information

#### 12.1 Toxicity

No data available

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Aquatic EC50 Crustacea</th>
<th>Aquatic ERC50 Algae</th>
<th>Aquatic LC50 Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>Aquatic EC50 (48h) Daphnia 10294 - 17704 MG/L</td>
<td></td>
<td>Aquatic LC50 (96h) Rainbow Trout 4740 - 6330 MG/L</td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>71-36-3</td>
<td>Aquatic EC50 (48h) Daphnia 1897 - 2072 MG/L</td>
<td></td>
<td>Aquatic LC50 (96h) 100 - 500 MG/L</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td></td>
<td></td>
<td>Aquatic LC50 (96h) 7.711 - 9.591 MG/L</td>
</tr>
</tbody>
</table>

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data
12.4 Mobility in soil  
No data available

12.5 Results of PBT and vPvB assessment  
No data available

12.6 Other adverse effects  
No data available

12.7 Additional information  
No data available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Waste Description for Spent Product  
Spent or discarded material is a hazardous waste.

Disposal Methods  
Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste Disposal Code(s)  
W070303

SECTION 14 Transport information

Ground:
14.1 UN number:  
1950
14.2 UN proper shipping name:  
AEROSOLS
14.3 Transport hazard class(es):  
2.1
14.4 Packing group:  
No data available
Exemptions:  
Limited Quantity

Air:
14.1 UN number:  
1950
14.2 UN proper shipping name:  
AEROSOLS
14.3 Transport hazard class(es):  
2.1
14.4 Packing group:  
No data available

Water:
14.1 UN number:  
1950
14.2 UN proper shipping name:  
AEROSOLS
14.3 Transport hazard class(es):  
2.1
14.4 Packing group:  
No data available
14.5 Environmental hazards:  
No
14.6 Special precautions for user:  
No data available
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:  
No data available
SECTION 15 Regulatory information

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EINECS</th>
<th>SVHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Petroleum gases, liquefied</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Toluene</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>n-Butyl alcohol</td>
<td>Y</td>
<td>N</td>
</tr>
<tr>
<td>Xylene</td>
<td>Y</td>
<td>N</td>
</tr>
</tbody>
</table>

15.2 Chemical safety assessment   No data available

SECTION 16 Other information

SDS Abbreviations: No data available

References: No data available

Hazard phrase(s) referenced in section 3

H220 - Extremely flammable gas.
H225 - Highly flammable liquid and vapour.
H226 - Flammable liquid and vapour.
H280 - Contains gas under pressure; may explode if heated.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H336 - May cause drowsiness or dizziness.
H340 - May cause genetic defects..
H350 - May cause cancer.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements

Prevention

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: 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.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P310 - Immediately call a poison center/doctor/....
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
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.

Storage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

Disposal
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.