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

1.1 Product identifier

40-5
Multi-Purpose Solvent 5 Gallon

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

Automotive detailing

1.3 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

1.4 Emergency telephone number

CHEM TEL: +1-813-248-0591

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

Classified in accordance to (EC) No. 1272/2008
Germ Cell Mutagenicity Category 1B
Carcinogenicity Category 1B
Flammable Liquid Category 2
Skin Corrosion/Irritation Category 2
Acute Toxicity - Inhalation Dust / Mist Category 4

2.2 Label elements

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

Hazard pictograms

Signal Word

Danger

Hazard Statements

H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H332 - Harmful if inhaled.
H340 - May cause genetic defects..
H350 - May cause cancer.
Precautionary Statements

P201 - Obtain special instructions before use.
P233 - Keep container tightly closed.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P403+P235 - Store in a well-ventilated place. Keep cool.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

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>Xylene</td>
<td>30 - 60</td>
<td>1330-20-7</td>
<td>Acute Tox. 4; H312</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Flam. Liq. 3; H226</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2; H315</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naptha</td>
<td>30 - 60</td>
<td>8032-32-4</td>
<td>Asp. Tox. 1; H304</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Carc. 1B; H350</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Muta. 1B; H340</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For full text of H-statements; See Section 16

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 breathing is difficult, give oxygen.

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. Flush eye with water for 20 minutes. Get medical attention. Seek medical advice if symptoms persist

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.

**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. Do not induce vomiting unless directed to do so by medical personnel.

**Self protection of the first aider**
No data available

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**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**

**5.1 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 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

**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 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. Extremely Flammable. Material will readily ignite at room temperatures.

Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

**Hazardous Combustion Products**
Carbon monoxide, Carbon dioxide

**5.3 Advice for firefighters**

**Fire Fighting Methods and Protection**
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

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.

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. LARGE SPILLS: Shut off leak if safe to do so. 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

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 heat, sparks, and flame

7.3 Specific end use(s)
Automotive detailing

SECTION 8 Exposure controls/personal protection

Occupational Exposure limit values

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV-TWA</th>
<th>ACGIH STEL</th>
<th>IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>100 ppm</td>
<td>150 ppm</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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. An eye wash station must be available where this product is used.

Skin Protection

Hand protection  
Nitrile

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.

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. 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.

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>Clear</td>
</tr>
<tr>
<td>Odour</td>
<td>Mint</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>Initial boiling point and boiling range (°C)</td>
<td>139</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>14</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>No data available</td>
</tr>
<tr>
<td>Upper Flammable/Explosive</td>
<td>7</td>
</tr>
</tbody>
</table>
Limit, % in air
Lower Flammable/Explosive Limit, % in air 1

Vapour Pressure No data available
Vapour Density > 1
Relative Density No data available
Solubility(ies) No data available
Partition coefficient: n-octanol/water No data available
Autoignition Temperature (°C) 460
Decomposition Temperature No data available
Viscosity No data available
Explosive properties No data available
Oxidizing properties No data available

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 Contamination
10.5 Incompatible materials Oxidizing materials
10.6 Hazardous decomposition products Carbon dioxide Carbon monoxide

SECTION 11 Toxicological information
11.1 Information on toxicological effects

Acute Toxicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>Oral LD50 Rat 4300 mg/kg</td>
<td></td>
<td>Inhalation LC50 (4h) Rat 5000 ppm</td>
</tr>
</tbody>
</table>

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

Skin corrosion/irritation

| pH | No data available |

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

Serious eye damage/irritation
Based on available data, the classification criteria are not met.
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
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

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

SECTION 12 Ecological information

12.1 Toxicity
No data available

Ecotoxicity Data

<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>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)
European Waste Catalogue
No data available

SECTION 14 Transport information

Ground:
14.1 UN number: 3295
14.2 UN proper shipping name: Hydrocarbons liquid N.O.S.
14.3 Transport hazard class(es): 3
14.4 Packing group: II

Air:
14.1 UN number: UN 3295
14.2 UN proper shipping name: Hydrocarbons liquid N.O.S.
14.3 Transport hazard class(es): 3
14.4 Packing group: II

Water:
14.1 UN number: UN 3295
14.2 UN proper shipping name: Hydrocarbons liquid N.O.S.
14.3 Transport hazard class(es): 3
14.4 Packing group: II

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>Naptha</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
Hazard phrase(s)
referenced in section 3
H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H332 - Harmful if inhaled.
H340 - May cause genetic defects.
H350 - May cause cancer.

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.
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.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P321 - Specific treatment (see on this label).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P370+P378 - In case of fire: Use for extinction.
P391 - Collect spillage.

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