SAFETY DATA SHEET
COLD GALVANIZING AEROSOL

1 SUBSTANCE IDENTIFICATION AND COMPANY

PRODUCT NAME: GALMET COLD GALVANIZING AEROSOL
PRODUCT NO. GGCGA
USE: Anti-corrosive zinc-rich surface coating.
SUPPLIER ITW POLYMERS & FLUIDS
100 HASSALL ST
UNIT 2 / 38 TRUEGOOD DRIVE
WETHERILL PARK 2164
NEW SOUTH WALES AUSTRALIA
ITW POLYMERS & FLUIDS (NZ)
UNIT 2 / 38 TRUEGOOD DRIVE
EAST TAMAKI, 2013
NEW ZEALAND
T: 02 9757 8800 T: 09 272 1945
F: 02 9757 3855 F: 09 273 6489
EMERGENCY CONTACT: T: 02 9757 8800 T: 09 272 1945

2 HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. DANGEROUS GOODS
(According to the criteria of the NOHSC and the ADG-6 code)
CLASSIFICATION F+; Extremely Flammable, Xn; Harmful
RISK PHRASES R12 Extremely Flammable.
R20 Harmful by inhalation.
SAFETY PHRASES S2 Keep out of reach of children.
S16 Keep away from sources of ignition – No Smoking.
S23 Do not breathe vapour/spray.
S24/25 Avoid contact with skin & eyes.
S33 Take precautionary measures against static discharges.

3 COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>10 - &lt; 30 %</td>
<td>F; R10, Xn; R20</td>
</tr>
<tr>
<td>SOLVENT NAPHTHA (PETROLEUM) LIGHT AROMATIC</td>
<td>64742-95-6</td>
<td>10 - &lt; 30 %</td>
<td>F; R10. Xn; R20, R65.</td>
</tr>
<tr>
<td>Contains less that 0.1 % w/w benzene</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIMETHYL ETHER</td>
<td>115-10-6</td>
<td>30 - &lt; 60 %</td>
<td>F+; R12</td>
</tr>
</tbody>
</table>

4 FIRST AID MEASURES

GENERAL INFORMATION
Avoid contact with skin and eyes. Do not breathe vapour/spray. Show this safety data sheet to doctor in attendance.

INHALATION
Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Contact physician if discomfort continues.

INGESTION
Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit does not enter the lungs. Get medical attention immediately!
SKIN CONTACT
Remove contaminated clothing. Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation persists.

EYE CONTACT
Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Contact physician if irritation persists.

5 FIRE FIGHTING MEASURES

SUITEABLE EXTINGUISHING MEDIA
Fire can be extinguished using: Alcohol resistant foam. Carbon Dioxide (CO2). Dry Chemicals.

SPECIFIC HAZARDS
Extremely flammable. Avoid breathing fire vapours. Vapour may travel considerable distance to source of ignition and flash back.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SPECIAL FIRE FIGHTING PROCEDURES
Keep upwind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Cool containers exposed to flames with water until fire is out. Keep run-off water out of sewers and watercourses. Dike for water control. Aerosol containers may burst and become airborne missiles during fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Warn everybody of potential hazards and evacuate if necessary. Remove sources of ignition. Avoid inhalation of spray mist and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS
Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS
Absorb with sand or other inert absorbent. Transfer to a container for disposal. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Take precautionary measures against static discharges. Storage tanks and other containers must be grounded. Do not smoke, use naked flames or other sources of ignition. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS
Store in tightly closed original container in a cool, dry well-ventilated place. Keep away from heat, sparks and open flame.

8 EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE STANDARDS
No exposure standards available for product.

Exposure standards for ingredients:

<table>
<thead>
<tr>
<th>Name</th>
<th>TWA (LT) mg/m³</th>
<th>TWA (LT) ppm</th>
<th>STEL (ST) mg/m³</th>
<th>STEL (ST) ppm</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>PETROLEUM DISTILLATES, N.O.S. (PETROLEUM NAPHTA)</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
<td>Shell (2007)</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>191</td>
<td>50</td>
<td>574</td>
<td>150</td>
<td>NOHSC</td>
</tr>
</tbody>
</table>
PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash, quick drench.

ENGINEERING MEASURES
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT
Select and use respirators in accordance with AS/NZS 1715/1716.
In poorly ventilated areas use Type A organic vapour/gas filter with half face piece.
When sanding/grinding cured product the use of a P1 dust mask (disposable) or with replaceable filters is recommended.
Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

HAND PROTECTION
Use protective gloves made of: Chemical resistant gloves: e.g. Nitrile.

EYE PROTECTION
Wear safety glasses or approved chemical safety goggles where eye exposure is reasonably probable.

SKIN PROTECTION
Barrier cream, Protection suit or overalls should be worn.

HYGIENE MEASURES
Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>Aerosol Liquid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>Various</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Solvent.</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Not soluble in water</td>
</tr>
<tr>
<td>BOILING POINT (°C)</td>
<td>-24.84°C</td>
</tr>
<tr>
<td>VAPOUR DENSITY (air=1)</td>
<td>&gt;1</td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td>520 kPa @ 21.1°C</td>
</tr>
<tr>
<td>EVAPORATION RATE (butyl acetate =1)</td>
<td>0.140</td>
</tr>
<tr>
<td>VOLATILE BY VOL. (%)</td>
<td>&gt; 60 %</td>
</tr>
<tr>
<td>pH-VALUE, CONC. SOLUTION</td>
<td>n/a</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>-41.1°C</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - LOWER(%)</td>
<td>3.4</td>
</tr>
<tr>
<td>AUTOIGNITION TEMP. (°C)</td>
<td>296°C</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - UPPER(%)</td>
<td>27.0</td>
</tr>
</tbody>
</table>

10 STABILITY & REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID
Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS
Fire or high temperatures create: Nitrous gases (NOx). Oxides of: Carbon monoxide (CO). Carbon dioxide (CO2).
11 TOXICOLOGICAL INFORMATION

ACUTE HEALTH EFFECTS
Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.
Vapours may cause headache, fatigue, dizziness and nausea.
Intentional misuse by deliberately concentrating and breathing the contents can be harmful or fatal.
May cause lung damage if swallowed.
May cause irritation to eyes.

CHRONIC HEALTH EFFECTS
Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INGREDIENT DATA:

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CARCINOGEN</th>
<th>REPROTOXIN</th>
<th>SENSITISER</th>
<th>SKIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>toluene</td>
<td>IARC:3</td>
<td>ILOEI</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CARCINOGEN
IARC: International Agency for Research on Cancer (IARC) Carcinogens: toluene Category: 3

REPROTOXIN
ILOEI: ILO Chemicals in the electronics industry that have toxic effects on reproduction: toluene

12 ECOLOGICAL INFORMATION

ECOTOXICITY
No data available, however expected to be harmful to the aquatic environment

MOBILITY
Do not discharge into drains, water courses or onto the ground.

DEGRADABILITY
No data available.

13 DISPOSAL INFORMATION

DISPOSAL METHODS
Do not puncture or incinerate can even if empty.
Dispose of waste and residues in accordance with local authority requirements.
Spray left over paint onto newspaper, allow to dry, and dispose newspaper in general waste. Empty steel can is recyclable. Check with your local council to see if they participate in a steel can recycling program.

14 TRANSPORT INFORMATION

ADG ROAD CLASS: 2.1
PROPER SHIPPING NAME: AEROSOLS
UN NO. ROAD 1950
ROAD PACK GR. None allocated
HAZCHEM CODE  2YE  IERG (HB76: 2004)  Guide 49
IMDG CLASS  2.1  UN NO. SEA  1950
IMDG PAGE  NO. 3  IMDG PACK GR.  None allocated
EMS  F-D, S-U  MFAG  See Guide
MARINE POLLUTANT  No.
UN NO. AIR  1950  ICAO CLASS  2

15 REGULATORY INFORMATION

SUSDP  S5

RISK PHRASES IN FULL:

R10  Flammable.
R20  Harmful by inhalation.
R65  Harmful, May cause lung damage if swallowed.

16 OTHER INFORMATION

The solvent in this product contains less than 0.1 % benzene, classification and labelling as a carcinogen is not required.

REVISION DATE:   4 May 2007

DISCLAIMER
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.