

**TAMMSWELD - 55 GALLON DRUM**Version 3
REVISION DATE: 12/14/2010

Print Date 12/16/2010

SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION**Product Information**Trade name : TAMMSWELD - 55 GALLON DRUM
Product code : THHWD55Supplier : Euclid Canada
2835 Grande-Allée
St-Hubert, QC J4T 2R4Telephone : 1-800-667-0920
Emergency Phone: : (613) 996-6666

Product use : Coating

Preparation InformationPrepared by: : Sewnauth Raghunandan
Date: : 12/14/2010
Telephone : (416) 421-3300**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Off-White to White. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of EntryInhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

In animal studies, prolonged or repeated exposure to ethylene glycol (or its components) has been suggested as a cause of reproductive effects and kidney and liver damage. It has caused birth defect in animal studies at high oral doses. Prolonged and repeated to ethylene glycol (or its components) has been suggested as a cause of kidney and liver damage in humans. Ethylene glycol is not expected to cause cancer in humans, since it did not cause cancer in laboratory animals and is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA). Long term inhalation exposure to vinyl acetate at high levels (600 ppm) caused nasal tumors in laboratory animals, some of which were shown to be carcinomas. However, there is no evidence that vinyl acetate may cause cancer in humans. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**TAMMSWELD - 55 GALLON DRUM**Version 3
REVISION DATE: 12/14/2010

Print Date 12/16/2010

SECTION 3 : HAZARDOUS INGREDIENTS

| Chemical Name | CAS-No. | Weight % Range |
|---------------|---------|----------------|
|---------------|---------|----------------|

| | | |
|-----------------|----------|-----------|
| Ethylene glycol | 107-21-1 | 1.0 - 5.0 |
|-----------------|----------|-----------|

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.
- Notes to physician : Not applicable.

SECTION 5: FIRE / EXPLOSION HAZARDS

- Flash point : Not available.
- Method : Not applicable.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied



TAMMSWELD - 55 GALLON DRUM

Version 3
 REVISION DATE: 12/14/2010

Print Date 12/16/2010

containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures** : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

| Chemical Name | CAS Number | Regulation | Limit | Form |
|-----------------|------------|------------|-------|------|
| Ethylene glycol | 107-21-1 | | | |

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Liquid
- Form : Liquid
- Color : Off-White to White
- Odor : None
- pH : 9.5
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : 32 F, 0 C
- Boiling point/range : 212 F, 100 C
- Water solubility : Soluble
- Evaporation Rate: : Not available.
- Specific Gravity : 1.1
- % Volatile Weight : 64 %

**TAMMSWELD - 55 GALLON DRUM**Version 3
REVISION DATE: 12/14/2010

Print Date 12/16/2010

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids.Strong bases.
Stability : Stable
Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Ethylene glycol, CAS-No.: 107-21-1
Acute oral toxicity (LD-50 oral) 6,140 mg/kg (Rat) 14,600 mg/kg (Mouse) 8,200 mg/kg (Guinea pig) 8,810 mg/kg (Dog)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:
NOT REGULATED

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

Canadian Regulations:

WHMIS Classification : D2A

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Other Regulations:

Regulatory VOC (less water and exempt solvent) : 68 g/l



TAMMSWELD - 55 GALLON DRUM

Version 3
REVISION DATE: 12/14/2010

Print Date 12/16/2010

SECTION 16 - OTHER INFORMATION

HMIS Rating :

| | |
|--------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| PPE | |

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Sewnauth Raghunandan

Legend

- ACGIH - American Conference of Governmental Hygienists
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List
- NIOSH - National Institute for Occupational Safety and Health
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration
- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume
- VOC - Volatile Organic Compound
- WHMIS - Workplace Hazardous Materials Information System