



Comet Chemical Company Ltd.
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Material Safety Data Sheet

GLYCOL ETHER TPM (COMSOL TPM)

Revision Date: 2008/08/01

Section 1 : PRODUCT AND COMPANY IDENTIFICATION

Chemical family: Not available.

Product uses: Paint Solvent.

Product name: Glycol Ether TPM (Comsol TPM)

Supplier: Comet Chemical Ltd.
3463 Thomas Street
Innisfil, On.
L9S 3W4.

Supplier 24 hour phone number: (705)436-5580 – weekdays from 8:00-5:00.
(800)567-7455 all other times (Newalta Services).

Section 2 : INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingrédient	V.L.E.	DL/50	CL/50
25498-49-1	100	GLYCOL ETHER TPM	NOT AVAILABLE	3200 MG/KG RAT ORAL	NOT AVAILABLE

Section 3 : HAZARD IDENTIFICATION

Route of entry: Eye contact, skin contact, skin absorption, inhalation and ingestion.

Effects of acute exposure

Eye contact: Irritant.
May cause injury.

Skin contact: May cause mild irritation.

Skin absorption: No adverse effects are expected with normal use.

Inhalation: May cause depression.

Ingestion: May cause depression.

Effects of chronic exposure: Prolonged or repeated overexposure may cause drying and cracking of the skin (dermatitis).
May result in weight loss.
Visual impairment.
Painful joints.
May cause wheezing.
May cause fatigue.

Sensitization to product: No
Carcinogenic effects: Not listed as a carcinogen.
Reproductive effects: None known.
Teratogenicity: Not available.
Mutagenicity: Not available.
Synergistic materials: None known.

Section 4 : FIRST AID MEASURES

Skin contact: Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.

Eye contact: Flush eyes with clear, running water for 15 minutes while holding eyelids open. If irritation persists, consult a physician.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. Keep person warm, quiet and get medical attention.
Guard against aspiration of liquids into lungs.
If vomiting occurs, keep head below hips.
Never give anything by mouth to an unconscious person.
Immediately drink plenty of water.

Section 5 : FIRE FIGHTING MEASURES

Flammability: Not flammable.

Conditions of flammability: At temperatures at or above flash point.

Extinguishing media: Dry chemical.
Foam
Water fog.
Do not use direct water jet.

Special procedures: Firefighters should wear adequate protective gear.
Self-contained breathing apparatus required.
Use water spray to cool fire exposed containers.
This material may produce a floating fire hazard.

Auto-ignition temperature (°C): None

Flash point (°C), method: 121°C

Lower flammability limit (% vol): None

Upper flammability limit (% vol): None

Explosion Data

Sensitivity to static discharge: Not sensitive.

Sensitivity to mechanical impact: Not sensitive.

Hazardous combustion products: Carbon monoxide (CO).
Oxides of nitrogen (NO_x).
Smoke

Rate of burning: Not available.

Explosive power: Not available.

Section 6 : ACCIDENTAL RELEASE MEASURES

Leak/Spill: Absorb with inert material.
Dike area to prevent spreading.
Prevent entry into drains, sewers, and other waterways.
Ventilate area.
Wear appropriate protective equipment.
Use explosion proof vacuum equipment where appropriate.
Place in a closed container for disposal.
Recover free liquid with pumps.
Blanket spill with foam to protect against accidental ignition.

Section 7 : HANDLING AND STORAGE

Handling procedures and equipment: Avoid breathing vapors/mists.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Avoid contact with skin, eyes and clothing.
Do not cut, grind, weld or drill on or near containers.
Launder contaminated clothing prior to reuse.

Storage requirements: Store away from incompatible materials.
Keep away from heat, and ignition sources.
Store in a cool, dry and well ventilated area.
Explosive peroxides may form on a partially filled container. If prolonged storage of a part drum is anticipated flush the head space with nitrogen before sealing.

Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary Measures

Gloves/Type:



Polyvinyl alcohol gloves.
Polyvinyl chloride gloves.

Respiratory/Type: None required under normal use.

Eye/Type:



Safety glasses with side-shields.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: Normal work clothes.

Other/Type: Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.

Ventilation requirements: Mechanical ventilation is recommended.

Exposure limit of material: Not available.

Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid.

Appearance & odor: Colourless.
Clear
Mild ethereal odor.
Hygroscopic.

Odor threshold (ppm): None

Vapour pressure (mmHg): 0.017 mmHg @ 25°C.

Vapour density (air=1): 7.1

Volatiles (%)

By volume: Not available.

**Evaporation rate
(butyl acetate = 1):** Not available.

Boiling point (°C): 242°C

Freezing point (°C): -60°C

pH: Not available.

Specific gravity @ 20 °C: 0.962 @ 20°C

Solubility in water (%): Complete.
(also soluble in alcohols, ethers, ketones, aromatic hydrocarbons).

Coefficient of water\oil dist.: Not available.

VOC: Not available.

Section 10 : STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions of instability: None known.

Hazardous polymerization: Will not occur.

Incompatible substances: Strong oxidizing agents.

**Hazardous decomposition
products:** May react with air to form explosive peroxides.

Section 11 : TOXICOLOGICAL INFORMATION

LD50 of product, species & route: 3200 mg/kg rat oral.

LC50 of product, species & route: Not available.

Section 12 : ECOLOGICAL INFORMATION

Environmental toxicity: No data at this time.

Environmental fate: No data at this time.

Section 13 : DISPOSAL CONSIDERATIONS

Waste disposal: In accordance with municipal, provincial and federal regulations.
May be incinerated.

Section 14 : TRANSPORT INFORMATION

TDG classification: Not regulated.

Special shipping information: See transportation information.

Section 15 : REGULATORY INFORMATION

WHMIS classification: Not controlled.

DSL status: Appears on DSL.

Section 16 : OTHER INFORMATION

Supplier MSDS date: 2008/08/01

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