

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: POLY-TEKS WALL GLAZE SLOW THINNERS

SECTION 1 - Preparation/Product Information

Manufactured and Supplied By: Emergency Telephone No: (613) 996-6666

Niagara Protective Coatings Date Prepared: July 1, 2015
7071 Oakwood Ave.

Niagara Falls, Ontario L2E 6S5 Product Use: solvent

T.D.G. Classification:3 UN Number: 1255

WHMIS:Health:1 Flammability:2 Reactivity:0 Other:0

WHMIS: BS D2B

Section 2 - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS: CHEMICAL IDENTITY	EXPOSURE LIMITS: TLV	TOXICITY: LD50/LC50	AMOUNT: %
TS-28 Solvent (66741-68-0)	50 ppm	8000 MG/KG (oral-rat) / >9300 MG/M3 (1ML-RAT)	100%
Benzene (71-43-2)	10 ppm - TWA ACGIM 1993-94	>5600 MG/KG (oral-rat) / 13700 PPM/4HR	<10% PPM

SECTION 3 - Physical/Chemical Characteristics

Boiling Point: 163-203°C

Specific Gravity:0.87

Vapour Pressure (mmhg):>5.5(38(c))

Vapour Density (air=1):4.5

Freezing Point:N/Av.

ph:N/Av.

Evaporation Rate:>0.10

Solubility In Water:Negligible

% Solids:0%

Appearance: Liquid, lightly coloured

Odour:mild hydrocarbon odour

SECTION 4 - Fire and Explosion Hazard Data

Flash Point (deg C) and Method: 46°C TCC

Flammable Limits/% Volume in Air: LEL:1.0 UEL:6.5

Autoignition Temperature (deg C): N.Av

Extinguishing Media: Carbon Dioxide,Water Fog,Dry Chemical,Foam

Special Fire Fighting Procedures: Flammable. Do not use water except as a fog. Exclude air. Use water spray to cool fire-exposed containers and structures. Do not enter confined fire space without adequate protective clothing and an approved positive pressure self-contained breathing apparatus.

Ignitable: YES: x NO:

Unusual Fire and Explosion Hazards: Vapours may travel to a source of ignition and flash back.

SECTION 5 - Reactivity Data

Stable: x Hazardous Polymerization:Will Not Occur

Incompatibility (Materials to Avoid):Oxidizing Agents

Conditions of Reactivity/Instability:Excessive heat,sparks and open flames in the presence of oxidizing material

Hazardous Decomposition or Byproducts: Vapour forms an explosive mixture with air between upper and lower flammable limits. Combustion will result in the usual decomposition products, including oxides of carbon.

SECTION 6 -

Health Hazard Data

Primary Routes Of Exposure:

Inhalation:Nose and throat irritant Skin Contact:Irritant

Skin Absorbtion:Repeated contact may cause dermatitis in sensitive individuals

Ingestion:May cause headache,nausea,vomiting and weakness

Eye Contact:Irritant

Health Hazards:

Acute: May cause eye and skin irritation, and sensitization

Chronic: None Known

SECTION 7 - First Aid Measures

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Move to fresh air. Give oxygen if breathing is difficult

Ingestion: Do not induce vomiting. Obtain medical attention immediately

Eyes: Flush eyes with water for at least 15 minutes

Skin: Wash with mild soap and water

SECTION 8 - Control Measures

Respiratory Protection:Use NIOSH approved respirator for organic vapours.

Ventilation: Local and mechanical exhaust are recommended to minimize exposure

Protective Gloves:Impervious gloves should be worn when handling this material

Eye Protection: Splash proof chemical goggles

Other Protective Clothing/Material/Equipment: Barrier Cream

Work/Hygienic Practices: Wash thoroughly after handling

Emergency Controls:

General: Highly recommended for all indoor situations to control fugitive emissions. Electrical and mechanical equipment should be explosion-proof.

Local: Also recommended where mechanical ventilation is ineffective in controlling airborne concentrations below the recommended occupational exposure limit. For personal entry into confined spaces (ie. bulk storage tanks) a proper confined space entry procedure must be followed including ventilation and testing of tank atmosphere. Make-up air should always be supplied to balance air exhausted (either generally or locally).

SECTION 9 - Precautions for Safe Handling and Use

Waste Disposal Method: In accordance with all Federal, Provincial, State and Local regulations

Handling and Storage:

Keep away from heat, sparks, and open flame. Hot surfaces may be sufficient to ignite liquid even in the absence of sparks or flames. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapours are gone. Vapours may accumulate and travel to distant ignition sources and flashback. Use adequate ventilation. Empty product containers may contain product residue. Follow labelled warnings even after container is emptied. Fixed equipment as well as transfer containers and equipment should be grounded to prevent accumulation of static charge. Do not cut, drill, grind, or weld on or near this container. Keep container closed. Avoid breathing vapours. Avoid prolonged or repeated skin contact. Air-dry contaminated clothing in a well ventilated area before laundering. Wash contaminated clothing before re-use. Maintain a good personal hygiene. Store in a cool, dry, well ventilated area, away from heat and ignition sources.

Spill and Leak Procedure:

Issue warning "flammable". Eliminate all sources of ignition. Isolate hazard area and restrict access. Try to work up wind of spill. Avoid direct contact with material. Wear appropriate breathing apparatus (if applicable) and protective clothing. Stop leak only if safe to do so. Dike and contain land spills; contain water spills by booming. For large spills remove by mechanical means and place in containers. Absorb residue or small spills with absorbent material and remove to non-leaking containers for disposal. Recommended materials; clay or sand. Flush area with water to remove trace residue.

Other Precautions: Avoid contact with eyes, skin or clothing.
Avoid breathing vapour, mist or spray

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