



NATIONAL ADHESIVE DISTRIBUTORS cc

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MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION:

PRODUCT NAME : Hydraulic Grade
PRODUCT NUMBER : GD42
PRODUCT : Anaerobic (Hydraulic sealer)

2. COMPOSITION:

INGREDIENTS	CAS NO.	%	THRESHOLD LIMIT VALUE
Polyglycol dimethacrylate	25852-41-5	55-60	none
Polyglycol dioctanoate	18268-70-7	25-30	none
Poly(butyl methacrylate)	9011-53-4	5-10	none
SACCHARIN	81-07-02	2-4	none
CUMENE HYDROPEROXIDE	80-15-9	1-3	none
N,N-Dialkyltoluidines	Proprietary	0.1-1	none

3. CHEMICAL AND PHYSICAL PROPERTIES:

Vapour Pressure : 6mm Hg at 30°C Vapour Density : Heavier Than Air
Solubility in Water : Insoluble Specific Gravity : 1.08
Boiling Point : N.A Appearance : White
Odour : Mild

4. FLAMMABILITY AND EXPLOSIVE PROPERTIES:

Flash Point : >93°C



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Recommended Extinguishing Agents : Use water spray, foam, dry chemical, or CO2

Hazardous Products Formed by Fire or Thermal decomposition:

Toxic fumes (oxides of carbon and nitrogen) may be evolved upon exposure to heat or open flame.

Unusual Fire or Explosion Hazards : None

Compressed Gasses : None

Pressure at Room Temp : N.A

5. HEALTH HAZARD DATA:

Toxicity : Mild eye irritant. Propylene glycol is mild skin irritant.

Primary Routes of Entry : Eye, skin contact.

Signs and Symptoms of Exposure : May cause dermatitis on prolonged contact on sensitive individuals.

Potential Routes of Entry : Skin, eyes, inhalation.

Symptoms of Overexposure : Possible skin and eye irritation on contact. Inhalation of vapours in an unventilated area may, over time, induce headaches.

Literature Referenced

Ingredients	Target Organ and Other Health Effects	Carcinogen
Polyglycol dimethacrylate	Allergen, irritant	NO
Polyglycol dioctanoate	Irritant	NO
Poly(butyl methacrylate)	Irritant	NO
SACCHARIN	NO	N/A
CUMENE HYDROPEROXIDE	Allergen, Irritant	NO
N,N-Dialkyltoluidines	Allergen, Irritant	NO

6. REACTIVITY DATA:

Stability: Stable



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Hazardous Polymerization: Will not occur

Incompatibility: Strong oxidizers, free radical initiators, inert gases.

Conditions to Avoid: Not available Hazardous Decomposition

7. SPILL OR LEAK PROCEDURES:

Dike area to prevent spreading. Absorb on vermiculite, sand or other inert absorbing material. Dispose of as a chemical waste in accordance with current local, state, and federal regulations.

8. STORAGE AND HANDLING PROCEDURES:

Safe Storage: Store below 30°C

Handling: Avoid prolonged skin contact. Keep away from eyes.

9. SHIPPING REGULATIONS:

DOT and IATA Hazard Classification: Not Restricted Article

Proper DOT Shipping Name: Unrestricted

Identification Number: DOT-None IATA-None

10. EMERGENCY TREATMENT PROCEDURES:

Eye Irritation: Immediately flush eyes with plenty of water for at least 15minutes. Get medical attention.

Skin Contact: In case of skin contact, wash thoroughly with soap and water. Do not use organic solvents for clean-up as they may dry or irritate the skin and act as a carrier for chemical absorption.

Inhalation: Remove affected person to fresh air.

Ingestion: Low toxicity; Get medical attention.

11. PERSONAL PROTECTION:

Respiratory: Positive fresh air exhaust should be provided in the work area; respiratory equipment is unnecessary in normal use,

Skin: Avoid skin contact. Wear gloves and impervious protective clothing if frequent direct contact is likely.

Eyes: Do not wear contact lenses. Chemical safety goggles are recommended.



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12. OTHER INFORMATION:

**** NONE ****

ABBREVIATIONS

- TLV = Threshold Limit Value
- PEL = Permissible Exposure Limit
- NTP = National Testing Program
- IARC = International Agency for Research on Cancer
- NFPA = National Fire Protection Association
- HMIS = Hazardous Materials Identification System
- = No data / Not available

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