

# Perma Glaze

CHEMICAL CORP.

000320

70 WEST MAIN STREET  
BROADALBIN, NEW YORK 12025

## MATERIAL SAFETY DATA SHEET

PRODUCT Engine Degreaser

Product # 112

|                                   |                   |          |   |   |         |            |
|-----------------------------------|-------------------|----------|---|---|---------|------------|
| HAZARD RATING<br>N<br>F<br>P<br>A | 4 - EXTREME       | Fire     | 2 | 2 | 2       | Reactivity |
|                                   | 3 - HIGH          |          |   |   |         |            |
|                                   | 2 - MODERATE      | Toxicity | 0 | 0 | Special |            |
|                                   | 1 - SLIGHT        |          |   |   |         |            |
|                                   | 0 - INSIGNIFICANT |          |   |   |         |            |

### SECTION I

|   |   |                                  |                        |
|---|---|----------------------------------|------------------------|
| PERMA GLAZE CHEMICAL CORP.                      |   | EMERGENCY TELEPHONE MANUFACTURER |                        |
| 1   | <u>Perma Glaze Chemical Corp.</u>               | <u>Perma Glaze</u>               |                        |
| ADDRESS (NUMBER, STREET, CITY, STATE, ZIP CODE) |   | <u>(518) 883-3451</u>            |                        |
| 2   | <u>70 West Main St., Broadalbin, N.Y. 12025</u> |                                  |                        |
| CHEMICAL NAME OR FAMILY                         |   | FORMULA                          |                        |
| 3   | <u>Aliphatic Solvent Grease Emulsifies</u>      | 4                                | <u>Blended Mixture</u> |

### SECTION II - CHEMICAL AND PHYSICAL PROPERTIES

| CHEMICAL   | PHYSICAL  |
|--|---|
| HAZARDOUS DECOMPOSITION PRODUCTS                                   | FORM  |
| 5 <u>CO-CO2-SO2-Amine vapors-solvent vapors</u>                    | 8 <u>Liquid</u>   |
| INCOMPATIBILITY (KEEP AWAY FROM)                                   | ODOR  |
| 6 <u>Strong oxidizing agents-Strong acids concentrated alkalis</u> | 9 <u>Mild solvent</u>   |
| LIST ALL TOXIC AND HAZARDOUS INGREDIENTS                           | APPEARANCE  |
| 7 <u>Mineral spirits-less than 71% CAS-8032-32-4 TLV-100 PPM</u>   | 10 <u>clear</u>   |
|  | COLOR   |
|  | 11 <u>opalescent blue</u>                                     |
|  | SPECIFIC GRAVITY (WATER = 1)                                  |
|  | 12 <u>.850</u>  |
|  | BOILING PT.   |
|  | 13 <u>NDA</u> °C  |
|  | 13 <u>NDA</u> °F  |
|  | MELTING PT.   |
|  | 14 <u>NDA</u> °C  |
|  | 14 <u>NDA</u> °F  |
|  | SOLUBILITY IN WATER   |
|  | 15 AT <u>20</u> °C <u>emulsifies</u>                          |
|  | % VOLATILE (BY WT %)  |
|  | 16 <u>98.47%</u>  |
|  | EVAP. RATE  |
|  | 17 ( <u>ether</u> = 1 ) <u>70</u>                             |
|  | VAPOR PRESSURE (mm Hg at 20°C)                                |
|  | 18 <u>not known</u>   |
|  | VAPOR DENSITY (AIR = 1)                                       |
|  | 19 <u>not known</u>   |
|  | pH AS IS  |
|  | 20 <u>7.0</u>   |
|  | STRONG ACID <input type="checkbox"/>                          |
|  | STRONG BASE <input type="checkbox"/>                          |
|  | STABLE <input checked="" type="checkbox"/>                    |
|  | UNSTABLE <input type="checkbox"/>                             |
|  | VISCOSITY AT 100°F  |
|  | 22 <u>&lt; 100</u> <u>CSK</u> 100 OR <input type="checkbox"/> |
|  | 23  |

### SECTION III - FIRE AND EXPLOSION DATA

|  |   |
|--|---|
| SPECIAL FIRE FIGHTING PROCEDURES   | FLASH POINT (METHOD USED)   |
| 24 <u>Treat as a petroleum solvent. Combustible</u>  | <u>T.O.C</u>  |
|  | 26 <u>55.5</u> °C <u>130</u> °F   |
|  | FLAMMABLE LIMITS %  |
|  | <u>NDA</u>  |
|  | 27 LOWER _____ UPPER _____  |
| UNUSUAL FIRE AND EXPLOSION HAZARDS   | EXTINGUISHING AGENTS  |
| 25 <u>Closed containers subject to primary fire. Heat may rupture explosively with blast ignition.</u> | <input checked="" type="checkbox"/> DRYCHEMICAL <input checked="" type="checkbox"/> CO <sub>2</sub> |
|  | <input type="checkbox"/> WATERSPRAY <input type="checkbox"/> FOAM                                   |
|  | <input type="checkbox"/> WATERFOG <input checked="" type="checkbox"/> SAND/EARTH                    |
|  | 28 <input type="checkbox"/> OTHER _____   |

### SECTION IV - HEALTH HAZARD DATA

|   |
|---|
| PERMISSIBLE CONCENTRATIONS (AIR)  |
| 29 <u>Not Established</u>   |
| EFFECTS OF OVEREXPOSURE   |
| 30 <u>Can cause defating of skin. Irritant eyes. Gastrointestinal problems if ingested.</u>                         |
| TOXICOLOGICAL PROPERTIES  |
| 31 <u>Irritant</u>  |
| EMERGENCY FIRST AID PROCEDURES  |
| 32 EYES <u>Flush with plenty of water 15 minutes, lift lids. Do not rub. Get medical attention.</u>                 |
| 33 SKIN CONTACT <u>Wash with soap and water. Remove contaminated clothing. Wash clothing before reusing.</u>        |
| 34 INHALATION <u>NA</u>   |
| 35 IF SWALLOWED <u>Do not induce vomiting. Dilute by drinking water or milk. Get medical attention immediately.</u> |

NA = NOT APPLICABLE

NDA = NO DATA AVAILABLE

< = LESS THAN

> = MORE THAN

**SECTION V - SPECIAL PROTECTION INFORMATION**

VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL)

Normal

PROTECTIVE GLOVES

38 Neoprene

EYE PROTECTION

39 Splash goggles,  
face shield

OTHER PROTECTIVE EQUIPMENT

40 None

RESPIRATORY PROTECTION (SPECIFY TYPE)

Not needed under normal use.

37

**SECTION VI - HANDLING OF SPILLS OR LEAKS**

PROCEDURES FOR CLEAN-UP

Small and large spills should be absorbed with absorbents (fuller earth type) and placed in suitable container for disposal.  
Keep in mind that a combustible liquid is being handled.

41

WASTE DISPOSAL

Dispose of waste material according to local ordinances.

42

**SECTION VII - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Store at room temperature in area isolated from other chemical materials.  
Keep from freezing.

43

**SECTION VIII - TRANSPORTATION DATA**

|    |                                      |                                     |                                  |                          |      |                              |             |  |
|----|--------------------------------------|-------------------------------------|----------------------------------|--------------------------|------|------------------------------|-------------|--|
| 44 | UNREGULATED BY D.O.T.                | <input checked="" type="checkbox"/> | U.S. D.O.T. PROPER SHIPPING NAME |                          | 47   | Unregulated quantity         | I.D. NUMBER |  |
|    | REGULATED BY D.O.T.                  | <input type="checkbox"/>            | 48                               | U.S. D.O.T. HAZARD CLASS | 49   | Unregulated                  |             |  |
| 45 | TRANSPORTATION EMERGENCY INFORMATION | RQ                                  |                                  | LABEL(S) REQUIRED        |      |                              |             |  |
|    |                                      | 50                                  | none                             | 51                       | none |                              |             |  |
| 46 | Perma Glaze<br>(518) 883-3451        | FREIGHT CLASSIFICATION              |                                  | 52                       |      | Combustible Liquid N.O.S.    |             |  |
|    |                                      | SPECIAL TRANSPORTATION NOTES        |                                  | 53                       |      | Keep out of high heat areas. |             |  |

**SECTION IX - COMMENTS**

Small and large container can be hazardous. Product residue which under the right condition can generate explosive gases or toxic fumes.  
KEEP PRODUCT OUT OF REACH OF CHILDREN.

54

|               |                   |  |                             |
|---------------|-------------------|--|-----------------------------|
| SIGNATURE     | <i>Rex Hughes</i> | TITLE                                  | Technical Director          |
| REVISION DATE | 2/14/87           | SENT TO                                | ATTN: Rex Hughes, Tec. Dir. |
| SUPERSEDES    | All Previous      |  | DATE 2/14/87                |
|               |                   | Perma Glaze Chemical Corp.             |                             |
|               |                   | 70 W. Main St., Broadalbin, N.Y. 12025 |                             |

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.