



CARPINTERIA, CA 93013
 CONYERS, GA 30207

MATERIAL SAFETY DATA SHEET

Essentially Similar to OSHA-20 Form U.S. Dept. of Labor
 (805) 969-1214
 BUSINESS PHONE (404) 483-7610

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SECTION I. IDENTIFICATION OF PRODUCT

Product Name **PARTALL FILM #10 (PVA)**
 Chemical Family
 Chemical Name and Synonyms
 Formula

SECTION II. HAZARDOUS INGREDIENTS

| <u>Ingredient</u> | <u>%</u> | <u>TLV</u> | <u>Units</u> |
|---|----------|------------|--------------|
| METHANOL | | 200 | |
| ETHYL ACETATE | | 400 | |
| ETHANOL | | 1000 | |
| METHYL ISOBUTYL KETONE | | 100 | |
| HYDROCARBON APPROVED BY THE GOVERNMENT FOR USE AS A DENTATURANT | | NE* | |
| N-BUTANOL | | 100 | |

* NOT ESTABLISHED

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SECTION III. PHYSICAL DATA

| | | | |
|-------------------------|----------------------------------|---|-----------------|
| Boiling Point, °F | 158-220 | Specific Gravity (H ₂ O = 1) | 0.914 |
| Vapor Pressure | 26.67 mm/HG | Percent Volatile (by volume) | 15% IN ONE WEEK |
| Vapor Density (Air = 1) | 1.2 | Evaporation Rate (ETHER=1) | 0.039 |
| Solubility in Water | COMPLETE | | |
| Appearance and Odor | WATERY GREEN LIQUID ALCOHOLIC | | |

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point, °F **70** (method used) **C.O.C.** Flammable Limits in Air, % LEL UEL
 Extinguishing Media **ALCOHOL TYPE FOAM
 CO₂ OR DRY CHEMICAL**

Special Fire Fighting Procedures
THE USE OF SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS.
 Unusual Fire and Explosion Hazards
LOW FLASH POINT

| | | | |
|---|---|----------------------|-------|
| Threshold Limit Value | UNKNOWN | Other Health Hazards | 88101 |
| Effects of Overexposure | OVEREXPOSURE TO FUMES - LIGHT HEADED, NAUSEOUS : EXPOSE VICTIM TO FRESH AIR | | 202 |
| Emergency and First Aid Procedures | | | |
| CONTACT WITH EYES | FLUSH IMMEDIATELY WITH COLD WATER AT LEAST 15 MINUTES, AND SEEK MEDICAL ATTENTION | | |
| CONTACT WITH SKIN | WASH WITH SOAP AND WATER | | |
| INGESTION OF FLUID | INDUCE VOMITING IMMEDIATELY; CALL PHYSICIAN AS SOON AS POSSIBLE | | |

SECTION VI. REACTIVITY DATA:

| | | | |
|--------------------------------------|---|---------------------|---------------------|
| Unstable | Stable | Conditions to Avoid | |
| Incompatibility (Materials to avoid) | THIS PRODUCT IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES, AND STRONG ALKALIES | | |
| Hazardous Polymerization | May occur () | Will not occur () | Conditions to avoid |

SECTION VII. SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled KEEP SOURCES OF IGNITION AND HOT METAL SURFACES ISOLATED FROM THE SPILL. FLUSH SPILLED MATERIAL INTO SUTABLE RETAINING AREAS OF CONTAINERS WITH LARGE QUANTITIES OF WATER. SMALL AMOUNTS OF SPILLED MATERIAL MAY BE ABSORBED INTO AN APPROPRIATE ABSORBANT.

Waste disposal method PREVENT SPILLED LIQUID FROM ENTERING SEWERS, STORM DRAINS, OTHER UN-AUTHORIZED SEWAGE TREATMENT DRAINAGE SYSTEMS AND NATURAL WATERWAYS. DISPOSE OF PRODUCT IN ACCORDANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify type) THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME-WEIGHTED TLV; USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

Ventilation: Local Exhaust (X) Mechanical (General) () Special () Other
EXPLOSION PROOF VENTILATION

Protective Gloves IMPERMEABLE GLOVES FOR SENSITIVE INDIVIDUALS **Eye Protection** SAFETY GLASSES/GOGGLES AND/OR FACE SHIELDS

Other Protective Equipment
EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

SECTION IX. SPECIAL PRECAUTIONS

Precautions to be taken in handling or storing
STORE AWAY FROM OPEN FLAMES, HEAT AND SPARKS.
KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.

Other precautions
WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIA, BUT HELPFUL IN KEEPING ADJACENT AREAS COOL. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES.