

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CLEAR ACRYLIC SEALER GLOSS
PRODUCT CODE: MS-200304
PREPARED FOR: ST. MARY'S HOSPITAL MED.CENTER

HMS CODES: H F R P
2 2 1 G

=====**SECTION I - MANUFACTURER IDENTIFICATION**=====

MANUFACTURER'S NAME: PLAID ENTERPRISES
ADDRESS: 1649 International Blvd., Norcross, GA 30091
EMERGENCY PHONE: 404-923-8200 INFORMATION PHONE: 404-923-8200
DATE REVISED : 05-01-90 NAME OF PREPARER : J. STANLEY

=====**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**=====

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*METHYL ETHYL KETONE	78-93-3	200 PPM	200 PPM		70.0 68F	4
*METHYLENE CHLORIDE	75-09-2	500	50		355.0 68F	16.58
*TOLUENE, TOLUOL, METHYL BENZENE	108-88-3	100 PPM	200 PPM		24.0 68F	21
*XYLENE, XYLQL	1330-20-9	100 PPM	100 PPM		6.6 68F	21
PROPANE	74-98-6	NOT EST.	1000		500.0 0F	
ISOBUTANE	75-28-5	NOT EST.	800		500.0 0F	

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

WARNING:

THIS PRODUCT CONTAINS MATERIALS THAT ARE LISTED AS POTENTIAL CARCINOGENS BY IARC. READ SECTION VI CAREFULLY.



=====**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**=====

BOILING RANGE: -44 to 282 Deg F SPECIFIC GRAVITY (H2O=1): 1.0
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C. : 7.03 LB/GL (843 G/L)
MATERIAL V.O.C.: 7.03 LB/GL (843 G/L)
SOLUBILITY IN WATER: N/A
APPEARANCE AND ODOR: Opaque liquid with odor of organic solvents.

=====**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**=====

FLASH POINT: -100 Deg F METHOD USED: ESTIMATED
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 22.0%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Use Water spray to cool containers not actively involved in fire.
Self contained breathing apparatus recommended for fire fighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Pressure may build up in closed containers exposed to high temperatures. Do not apply to hot surfaces.
Do not expose to sparks or open flames.
Forms flammable vapor-air mixtures.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE**CONDITIONS TO AVOID**

Keep product away from heat, sparks and open flames.

INCOMPATIBILITY (MATERIALS TO AVOID)

Keep away from amines, strong reducing agents, sodium, potassium and magnesium.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Open flames and welding arcs can cause thermal degradation producing hydrogen chloride, phosgene and chlorine.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

N/A

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Minimal anesthetic or narcotic effects may be seen in the range of 500-1000 ppm methylene chloride; levels over 1000 ppm can cause dizziness, drunkenness; concentrations of 10,000 ppm can cause irregular heartbeats, unconsciousness and death

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

EYE CONTACT: Irritation, tearing, blurred vision and slight corneal injury.

SKIN CONTACT: Prolonged or repeated contact may cause irritation or a burn.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Prolonged or repeated contact may cause irritation.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

The oral LD50 for methylene chloride is 1500-2500 mg/kg. If aspirated, may be rapidly absorbed through the lungs and result in injury to other body systems.

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION: Dizziness, loss of coordination, drunkenness.

EYE CONTACT: Severe irritation, tearing, blurred vision, corneal injury.

SKIN CONTACT: Can dry and defat skin causing cracking, irritation, dermatitis.

INGESTION: Can cause gastrointestinal irritation, vomiting, nausea, diarrhea.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? YES OSHA REGULATED? NO

Methylene chloride and propylene oxide have been listed as potential carcinogens by IRAC. Methylene chloride has been shown to increase the rate of malignant tumors in laboratory animals. Human studies failed to show tumorigenic response

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Anesthesia, respiratory tract irritation, dermatitis and nausea.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION OVEREXPOSURE: Remove victim to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.

EYE CONTACT: Flush with large amounts of water for 15 minutes.

SKIN CONTACT: Wash area thoroughly with soap and water. See a doctor if skin irritation persists.

INGESTION: DO NOT induce vomiting. CONTACT PHYSICIAN IMMEDIATELY.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
=====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition and ventilate vapors. Absorb with an inert material.

WASTE DISPOSAL METHOD

Dispose in accordance with local, State, and Federal waste disposal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep material from heat, sparks, and open flames. Close containers after each use.

Use only in properly ventilated areas.

Avoid excessive heat and cold. KEEP OUT OF THE REACH OF CHILDREN.

OTHER PRECAUTIONS

Smoking in areas where this product is used should be strictly prohibited.

When transferring or handling this product, use proper bonding and grounding procedures.

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SECTION VIII - CONTROL MEASURES
=====**RESPIRATORY PROTECTION**

Adequate ventilation is required. In confined areas, use a respirator approved by the U.S. Bureau of Mines.

VENTILATION

Provide sufficient ventilation to keep vapor concentration below given "TLV" and "LEL".

PROTECTIVE GLOVES

Required for prolonged or repeated contact.

EYE PROTECTION

Use eye protection adequate to prevent any contact of material with eyes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

N/A

WORK/HYGIENIC PRACTICES

Wash hands before eating, drinking, and/or smoking.

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SECTION IX - DISCLAIMER
=====**DISCLAIMER**

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