

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: POLYPROPYLENE
PRODUCT CODE: 400 SERIES

HMIS CODES: H F R P
1 2 0 B

===== **SECTION I – MANUFACTURER IDENTIFICATION** =====

MANUFACTURE’S NAME: TW GRAPHICS
ADDRESS: 3323 S. MALT AVE. COMMERCE, CA 90040
EMERGENCY PHONE: 1 (800) 424 – 9300 **INFORMATION PHONE:** (323) 721 – 1400
DATE PREPARED: 08 – 10 – 05 **NAME OF PREPARER:** HELMUT KAMMERE
REASON REVISED: NEW

===== **SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION** =====

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE WEIGHT		
			PEL	ACGIH	TLV MFR TLV	MM HG @ TEMP	PERCENT	
PETROLEUM DISTILLATES	64742-94-5	100	PPM			4.0	68F	55
POLYDIMETHYLSILOXANE MODIFIED PROPRIETRY	NONE	NONE					N/A	< 0.5%

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

BOILING RANGE: 250 TO 455 DEG F **SPECIFIC GRAVITY (H2O=1):** 1.0
VAPOR DENSITY: HAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN
ETHER
COATING V.O.C. : 4.58 LB/GL (549 GR /LT)
SOLUBILITY IN WATER: NOT SOLUBLE
APPEARANCE AND ODOR: TYPICAL HYDROCARBEN SMELL

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

FLASH POINT: 255 DEG F **METHOD USED:** TCC
FLAMMABLE LIMITS IN AIR BY VOLUME – LOWER: 0.9% **UPPER:** 6.5%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF – CONTANING AND PROTECTIVE CLOTHING TO PROTECT AGAINST HAZARDOUS EFFECTS

UNUSUAL FIRE AND EXPLOSION HAZARDS

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM STRONG OXIDIZERS, HEAT, SPARKS AND OPEN FLAMES.
CLOSED CONTAINERS MAY EXPLODE IF EXPOSED TO EXTREME HEAT. USE WATER SPRAY TO KEEP FIRE
EXPOSED CONTAINERS COOL.

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===== **SECTION V – REACTIVITY DATA** =====

STABILITY: STABLE

CONDITIONS TO AVOID

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID)

ISOLATE FROM STRONG OXIDIZERS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CARBON DIOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== **SECTION VI – HEALTH HAZARD DATA** =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

PROLONGED EXPOSURE MAY CAUSE HEADACHES, NAUSEA, DIZZINESS AND RESPIRATORY IRRITATION

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION MAY CAUSE ALLERGIC REACTIONS BY VERTAIN INDIVIDUALS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION RESULTS IN NAUSEA, VOMITING AND DIZZINESS.

HEALTH HAZARDS (ACUTE AND CHRONIC)

MAY CAUSE EYE AND SKIN IRRITATION.

CARCINOGENICITY: NTP? NO

IARC MONOGRAPHS? NO **OSHA REGULATED?** NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

NO SPECIFIC INFORMATION AVAILABLE.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: FLUSH EYES WITH RUNNING WATER FOR AT LEAST 15 MINUTES, HOLDING EYE – LIDS OPEN. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION.

SKIN CONTACT: WASH SKIN WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: IF THERE ARE ACUTE OR CRONICAL SYMTOMS, MOVE PERSON TO FREE AIR, GIVE ARTIFICIAL RESPIRATION, CALL A PHYSITION.

===== VII – PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
ELIMINATE OPEN FLAMES OR IGNITION IN THE VICINITY OF SPILL OR RELEASED VAPORS.
STOP SOURCE OF LEAK. ABSORB LARGE SPILLS WITH ABSORBENT CLAY OR OTHER
SUITABLE MATERIALS.

WASTE DISPOSAL METHOD:
PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINERS. INCINERATE
OBSERVING LOCAL, STATE AND FEDERAL HEALTH, SAFETY AND POLLUTION LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
STORE AND USE IN WELL VENTILATED AREA. DO NOT STORE OR USE NEAR OPEN
FLAMES, SPARKS OR HOT SURFACES. KEEP CONTAINERS TIGHTLY CLOSED.

OTHER PRECAUTIONS:
HAZARDOUS MAINTENANCE IDENTIFICATION SYSTEM, (HMIS): H=1, F=2, R=0, P=E.

===== SECTION VIII – CONTROL MEASURES =====

RESPIRATORY PROTECTION:
WEAR APPROVED NIOSH RESPIRATORY PROTECTIVE EQUIPMENT.

VENTILATION:
USE ADEQUATE VENTILATION OR AN EXPLOSION – PROOF EXHAUST TO KEEP AIRBORNE
CONCENTRATION BELOW EXPOSURE STANDARDS.

PROTECTIVE GLOVES:
USE NITRILE GLOVES FOR DIRECT HANDLING.

EYE PROTECTION:
USE CHEMICAL SAFETY GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
SOLVENT RESISTANT APRONS, EYEWASH STATIONS AND SAFETY SHOWERS ARE
RECOMMENDED.

WORK / HYGIENIC PRACTICES:
LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

===== SECTION IX – DISCLAIMER =====

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