





MATERIAL SAFETY DATA SHEET

CAP – PP – MSDS – HF10TQ – 001

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PROTECTIVE CLOTHING (PICTOGRAM)	ACUTE HEALTH	FIRE	REACTIVITY	HAZARD RATING		
	 0	 1	 0	LEAST = 0 HIGH = 3	SLIGHT = 1 EXTREME = 4	MODERATE = 2

* FOR ACUTE CHRONIC HEALTH EFFECT REFER TO THE DISCUSSION IN SECTION 3

SECTION 1	: SUBSTANCE IDENTITY & COMPANY CONTACT INFORMATION
PRODUCT/MATERIAL	: POLYPROPYLENE HOMOPOLYMER RESIN FILM GRADE
PRODUCT GRADE	: TRILENE HF10TQ
CHEMICAL MOLECULAR FORMULA	: (C ₃ H ₆) _n
CHEMICAL NAME	: POLYPROPYLENE
CHEMICAL FAMILY	: POLYOLEFIN
MANUFACTURER	: PT. CHANDRA ASRI PETROCHEMICAL TBK (CAP)
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SECTION 2	: HAZARDS IDENTIFICATION
HAZARDOUS COMPONENTS	: NONE

SECTION 3	: CHEMICAL COMPOSITIONS & DATA ON COMPONENTS			
NO.	COMPOSITION	GRADE: TRILENE HF10TQ	CAS-NUMBER	PERCENT
P	POLYPROPYLENE HOMOPOLYMER			100
1	POLYPROPYLENE HOMOPOLYMER		9003-07-0	> 99
2	MINOR ADDITIVES			< 1

SECTION 4	: FIRST AID MEASURES
* THE HEALTH EFFECTS BELOW ARE BASED UPON COMPONENT HEALTH EFFECTS CONSISTENT WITH REQUIREMENT UNDER OSHA HAZARD COMMUNICATION (29 CFR 1910.1200)	
EYE CONTACT	: IF MOLTEN MATERIAL CONTACTS THE EYE, FLUSH IMMEDIATELY WITH PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY IF DISCOMFORT PERSISTS.
SKIN CONTACT	: IF MOLTEN MATERIAL CONTACTS THE SKIN, COOL AS QUICKLY AS POSSIBLE. DO NOT ATTEMPT TO PEEL THE MATERIAL FROM SKIN. GET MEDICAL ATTENTION.
INHALATION	: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST
INGESTION	: MATERIAL IS NOT EXPECTED TO BE ABSORBED FROM THE GASTROINTESTINAL TRACT SO THAT INDUCTION OF VOMITTING SHOULD NOT BE NECESSARY
NOTE TO PHYSICIANS	: BURNS SHOULD BE TREATED AS THERMAL BURNS. THE MATERIAL WILL COME OFF AS HEALING OCCURS; THEREFORE, IMMEDIATE REMOVAL FROM THE SKIN IS NOT NECESSARY. THERE IS NO SPECIFIC ANTIDOTE, TREAT SYMPTOMATICALLY.

SECTION 5	: FIRE-FIGHTING MEASURES
FLASH POINT AND METHOD	: NOT APPLICABLE
FLAMMABLE LIMITS / % VOLUME IN AIR	: NOT APPLICABLE
EXTINGUISHING MEDIA	: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL-TYPE OR UNIVERSAL-TYPE FOAMS APPLIED BY MANUFACTURER'S RECOMMENDED TECHNIQUE
EXTINGUISHING MEDIA	: USE WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL-TYPE OR UNIVERSAL-TYPE FOAMS APPLIED BY MANUFACTURER'S RECOMMENDED TECHNIQUE
FIRE FIGHTING PROCEDURES AND PRECAUTION	: MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
UNUSUAL FIRE AND EXPLOSION HAZARDS	: TREAT AS A SOLID THAT CAN BURN. MOLDED PARTS GENERALLY BURN SLOWLY WITH A LOW SMOKE DENSITY AND FLAMING DRIPS. UNDER CERTAIN CONDITIONS CAN BURN WITH A HIGH SMOKE DENSITY .

SECTION 6	: ACCIDENTAL RELEASE MEASURES
SMALL SPILL & LEAK	: PELLETS ON THE FLOOR COULD PRESENT A SERIOUS SLIPPING PROBLEM. EXERCISE GOOD HOUSEKEEPING TO AVOID THIS HAZARD. SWEEP, SHOVEL OR VACUUM MATERIAL INTO CLEAN CONTAINERS.
LARGE SPILL & LEAK	: USE A SHOVEL TO PUT THE MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. DO NOT ALLOW ANY POTENTIALLY CONTAMINATED WATER WITH PELLETS TO ENTER ANY WATERWAY, SEWER OR DRAIN.

SECTION 7	: HANDLING & STORAGE
PERSONAL PRECAUTIONARY MEASURES	: AVOID CONTACT WITH MOLTEN MATERIAL
HANDLING	: MAINTAIN GOOD HOUSEKEEPING. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME OR ANY IGNITION SOURCE. USE WITH ADEQUATE VENTILATION. AFTER HANDLING, ALWAYS WASH HANDS THOROUGHLY WITH SOAP AND WATER. SPILLED PELLETS MAY CREATE A SLIPPING HAZARD. ELECTROSTATIC CHARGE MAY BUILD UP DURING HANDLING. GROUNDING OF EQUIPMENT IS RECOMMENDED.
STORAGE	: STORE IN A DRY PLACE WITH ADEQUATE VENTILATION AND AWAY FROM DIRECT SUNLIGHT, EXCESSIVE HEAT AND STRONG OXIDIZERS. KEEP PACKAGING (CONTAINER) CLOSED TO PREVENT CONTAMINATION.

SECTION 8	: EXPOSURE CONTROLS & PERSONAL PROTECTION
VENTILATION	: ALTHOUGH GENERAL ROOM VENTILATION SHOULD BE ADEQUATE IN MOST APPLICATIONS, LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR CONTROL OF AIRBORNE DUST, FUMES AND VAPORS, PARTICULARLY IN CONFINED AREAS.
RESPIRATORY PROTECTION	: USE NIOSH APPROVED RESPIRATOR IF UNABLE TO CONTROL AIRBORNE DUST, FUMES AND VAPORS
EYE PROTECTION	: WEAR EYE PROTECTION (SAFETY GLASSES, GOGGLES, FACESHIELDS) WHEN PROCESSING.
SKIN & BODY PROTECTION	: WEAR CHEMICAL-RESISTANT GLOVES, HEAT PROTECTIVE GLOVES AND PROTECTIVE CLOTHING AS WELL AS A FACESHIELD.
OTHER PERSONAL PROTECTION	: USE SAFETY NON-SLIP SHOES IN AREA WHERE SPILLS OR LEAKS OCCUR.

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