

Dayson Polymers, LLC

P.O. Box 372

Rittman, Ohio 44270

phone: 330-335-5237 fax: 330-335-6085

MATERIAL SAFETY DATA SHEET	
SECTION I	
SUPPLIER'S NAME KOLON INDUSTRIES INC.	
ADDRESS (NO. CITY, STATE, ZIP) KOLON TOWER, 1-23 BYULYANG-DONG KWACHEON-CITY KYUNGGHDO., S. KOREA	FAX NO. (82) 2-3677-3580 - 3589 PHONE: (82) 2-3677-3558
TRADE NAME KOCETAL UR304, UR302	
SECTION II: COMPOSITION/INFORMATION INGREDIENTS	
CHEMICAL NAME POLYOXYMETHYLENE COPOLYMER	FORMULA $[(CH_2)_p(CH_2CH_2O)_q]_n$
GENERIC NAME RESIN - POLYACETAL FILLER - POLYURETHANE	ABBREVIATION NAME POM
CAS NUMBER 30846-29-8	SUBSTANCE (), MIXTURE (0) No class & No Number
TSCA REGISTERED	
SECTION III: HAZARDS IDENTIFICATION	
CLASS NAME OF HAZARDOUS CHEMICALS FOR MSDS	N.A.
PHYSICAL & CHEMICAL HAZARDS	FLAMMABLE. AWAY FROM FIRE AND OTHER IGNITION SOURCE SAFE SUBSTANCE AT NORMAL CONDITIONS
ADVERSE HUMAN HEALTH EFFECTS	N.A.
ENVIRONMENTAL EFFECTS	N.A.
SECTION IV FIRST AID MEASURES	
INHALATION	IF YOU FEEL UNWELL SEEK MEDICAL ADVICE (show the label where possible). FORMALDEHYDE IS HIGHLY IRRITATING TO THE EYES AND UPPER RESPIRATORY TRACT. WHEN THE POLYMER IS THERMALLY DECOMPOSED IT MAY CAUSE POLYMER FUME FEVER
SKIN CONTACT	IF CLOTHING IS STUCK TO THE SKIN AFTER FLUSHING WITH WATER, DO NOT REMOVE IT. DO NOT BREAK OPEN BLISTERS OR REMOVE THE SKIN. IF INJURED, IT IS NECESSARY TO CONSULT A DOCTOR

STORAGE KEEP AWAY FROM HEAT, STEAM PIPES OR SUNLIGHT. INCOMPATIBILITY (Specific materials to be avoided) :ACIDS OXYDIZING AGENTS PVC			
SECTION VIII EXPOSURE CONTROL/PERSONAL PROTECTION			
CONTROL PARAMETERS			
CONTENT		POLYACETAL	
ACGIH		TWA	10mg/m ³
OSHA		RESPIRABLE FRACTION	5mg/m ³
		TOTAL DUST	15mg/m ³
FORMALDEHYDE SHOULD NOT POSE A RISK IN HUMANS IF EXPOSURES ARE KEPT BELOW THE FOLLOWING RECOMMENDED LIMITS. OSHA STANDARD (1992): 0.75ppm, 8hrs TWA: 2 ppm,STEL ACGIH TLV's (1992-3) 0.3 ppm ceiling			
ENGINEERING MEASURES USE WITH LOCAL EXHAUST VENTILATION IN POWDER HANDLING, IT IS NECESSARY TO TREAT IN CLOSED SYSTEM			
PERSONAL PROTECTIVE EQUIPMENT RESPIRATORY PROTECTION FOR MOST CONDITIONS, NO RESPIRATORY PROTECTION SHOULD BE NEEDED, HOWEVER, IN DUSTY ATMOSPHERE, USE AN APPROVED DUST RESPIRATOR. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT			
EYE PROTECTION WEAR PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES			
HAND, SKIN AND BODY PROTECTION WEAR SUITABLE PROTECTIVE CLOTHING. WEAR SUITABLE GLOVES.			
SECTION IX PHYSICAL & CHEMICAL PROPERTIES			
APPEARANCE	PELLET FORM SOLIDS	ODOR	NONE
DENSITY	1.4	BOILING POINT	NONE
MELTING POINT	1.65°C	VAPOR PRESSURE	NONE
VAPOR DENSITY	NONE	SOLUBILITY (%) IN WATER INSOLUBLE IN OTHERS N.A.	
VOLATILITY	NONE		
SECTION X PHYSICAL HAZARD (STABILITY & REACTIVITY)			
FLASH POINT	320° C ↑	AUTOIGNITION TEMPERATURE	400° C ↑
EXPLOSION LIMIT (%)	NONE	COMBUSTIBILITY	NONE
UPPER	N.A.	SPONTANEOUS	NONE
LOWER	N.A.	REACTIVITY WITH WATER	NONE
FLAMMABILITY	INFLAMMABLE	DUST EXPLOSION	DUST EXPLOSIVE
OXIDIZIBILITY	NONE	SELF REACTIVITY	NONE
COMBUSTIBILITY	NONE		

This product is considered a stable material under normal and anticipated storage and handling conditions.
May form explosive dust-air mixtures.

SECTION XI TOXICOLOGICAL INFORMATION			
ACUTE TOXICITY	N.A.		
SUB-CHRONIC TOXICITY	N.A.		
CHRONIC TOXICITY	N.A.		
CARCINOGENIC EFFECTS	N.A.		
MUTAGENIC EFFECTS	N.A.		
IRRITANT PROPERTIES	PROCESSING VAPORS WILL IRRITATE SKIN AND EYES		
ALLERGENIC & SENSITIZING EFFECTS	N.A.		
TERATONGENIC EFFECTS	N.A.		
OTHERS	FORMALDEHYDE RELEASED IN SMALL QUANTTTY DURING MELT PORCESSING IS CLASSIFIED AS AN ANIMAL CARCINOGEN AND HAS OSHA & ACGIH PERMISSIBLE EXPOSURE LIMIT.		
SECTION XII ECOLOGICAL INFORMATION			
BIODEGRADABILITY	N.A.	BIOACCUMULATION	N.A.
FISH TOXICITY	N.A.		
SECTION XIII DISPOSAL CONSIDERATION			
DO NOT DUMP INTO SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER DISPOSE TO AN AUTHORIZED WASTE COLLECTION POINT			
SECTION XIV TRANSPORT INFORMATION			
AVOID WETTING OR ROUGH HANDLING SO THAT THE PACKAGING WILL NOT BE DAMAGED. IN CASE THE BAGS ARE DAMAGED AND THE PELLETS ARE SCATTERED, PAY ATTENTION SO THAT NO ONE WILL SLIP AND FALL. ALL OF THE MATERIALS THAT HAVE SPILLED SHALL BE RAPIDLY COLLECTED			
SECTION XV REGULATORY INFORMATION			
OTHER REGULATORY INFORMATION THE KOLON INDUSTRIES INC., IS NOT ABLE TO CHECK UP THE REGULATORY INFORMATION IN REGARD TO THE SUBSTANCE IN YOUR COUNTRY OR REGION, THEREFORE, WE REQUEST THIS MATTER WOULD BE FILLED BY YOUR RESPONSIBILITY. REGULATORY INFORMATION WITH REGARD TO THIS SUBSTANCE IN YOUR COUNTRY OR IN YOUR REGION SHOULD BE EXAMINED BY YOUR OWN RESPONSIBILITY ENSURE THIS MATERIAL IS IN COMPLIANCE WITH FEDERAL REQUIREMENTS AND ENSURE CONFORMITY TO LOCAL REGULATIONS			
SECTION XVI OTHER INFORMATION			
THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL, IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY AND PLATENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE. THE INFORMATION HREEIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESS OR IMPLIED IS MADE. PLEASE CONSULT KOLON INDUSTRIES, INC. FOR FURTHER INFORMATION. TO THE BEST OF OUR KNOWLEDGE, THIS INFORMATION CONTAINED HERE IN IS ACCURATE. HOWEVER, NEITHER KOLON INDUSTRIES, INC., NOR ANY SUBSIDIARIES ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED IN CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS WHICH EXIST. THIS INFORMATION CONTAINED IN THIS DATA SHEET REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, NO WARRANTY IS MADE WITH RESPECT TO ITS COMPLETENESS AND WE ASSUME NO LIBILITY RESULTING FROM ITS USE. IT IS ADVISED TO MAKE THEIR OWN TESTS TO DETERMINE THE SAFETY AND SUITABILITY OF EACH SUCH PRODUCT OR COMBINATION FOR THEIR OWN PURPOSES.			