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**SECTION 16 OTHER INFORMATION**

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HAZARD RATING SYSTEMS:

THIS INFORMATION IS FOR PEOPLE TRAINED IN:

NATIONAL PAINT & COATING ASSOCIATION'S (NPCA)  
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 704)

IDENTIFICATION OF THE FIRE HAZARDS OF MATERIALS:

	NPCA-HMIS	NFPA 704
HEALTH	1	2
FLAMMABILITY	1	1
REACTIVITY	0	0

KEY:

4 = SEVERE  
3 = SERIOUS  
2 = MODERATE  
1 = SLIGHT  
0 = MINIMAL

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, such information is the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against the patent infringement.

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**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

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EXPOSURE CONTROLS:

LOCAL EXHAUST VENTILATION OF PROCESS EQUIPMENT MAY BE NEEDED TO CONTROL PARTICULATE EXPOSURES TO BELOW THE RECOMMENDED EXPOSURE LIMIT. SEE PERSONAL PROTECTION RECOMMENDATIONS.

PERSONAL PROTECTION:

FOR OPEN SYSTEMS AT AMBIENT TEMPERATURES (-18 TO 38 DEG C / 0 TO 100 DEG F) WHERE CONTACT IS LIKELY, WEAR SAFETY GLASSES. WHERE CONTACT MAY OCCUR WITH HOT MATERIAL, WEAR THERMAL RESISTANT GLOVES, ARM PROTECTION, AND A FACE SHIELD.

WORKPLACE EXPOSURE GUIDELINES:

OSHA REGULATION 29CFR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE EXPOSURE LIMITS:

5 MG/M3 (RESPIRABLE DUST), AND 15 MG/M3 (TOTAL DUST) BASED ON THE OSHA PEL FOR NUISANCE DUST. THE RECOMMENDED PERMISSIBLE EXPOSURE LEVELS INDICATED ABOVE REFLECT THE LEVELS REVISED BY OSHA IN 1989 OR IN SUBSEQUENT REGULATORY ACTIVITY. ALTHOUGH THE 1989 LEVELS HAVE SINCE BEEN VACATED BY THE 11<sup>TH</sup> CIRCUIT COURT OF APPEALS, DEKKA RESINS RECOMMENDS THAT THE LOWER EXPOSURE LEVELS BE OBSERVED AS REASONABLE WORKER PROTECTION.

THE ACQIH RECOMMENDS THE FOLLOWING THRESHOLD LIMIT VALUES:

A TWA OF 10MG/M3 FOR INHALABLE PARTICULATE (TOTAL DUST) AND A TWA OF 3MG/M3 FOR RESPIRABLE PARTICULATE (TOTAL DUST).

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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SPECIFIC GRAVITY, AT F:

0.88 VARIES BY GRADE  
0.98

VAPOR PRESSURE, MMHG AT F:

NEGLIGIBLE

SOLUBILITY IN WATER WT% AT F:

INSOLUBLE

VISCOSITY OF LIQUID, CST AT F:

NOT APPLICABLE

SP GRAV OF VAPOR AT 1ATM (AIR=1)

NOT AVAILABLE

FREEZING/MELTING POINT F:

>225 DEG F

EVAPORATION RATE, N-BU

NOT APPLICABLE

BOILING POINT F:

NOT APPLICABLE

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INGESTION:

MINIMAL TOXICITY.

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**SECTION 4 FIRST AID MEASURES**

EYE CONTACT:

THIS PRODUCT IS AN INERT SOLID. IF IN EYE, REMOVE AS ONE WOULD A FOREIGN OBJECT.

SKIN CONTACT:

FLUSH WITH LARGE AMOUNTS OF WATER; USE SOAP IF AVAILABLE.  
FOR HOT PRODUCT, IMMEDIATELY IMMERSE IN OR FLUSH THE AFFECTED AREA WITH LARGE AMOUNTS OF COLD WATER TO DISSIPATE HEAT. COVER WITH CLEAN COTTON.

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**SECTION 7 STORAGE AND HANDLING**

ELECTROSTATIC ACCUMULATION HAZARD:

YES, USE PROPER GROUNDING PROCEDURE.

STORAGE TEMPERATURE F: AMBIENT

STORAGE/TRANSPORT PRESSURE mmHg:

ATMOSPHERIC PRESSURE

LOADING/UNLOADING TEMPERATURE F: AMBIENT

LOADING/UNLOADING VISCOSITY, cst: NOT APPLICABLE

STORAGE AND HANDLING:

KEEP CONTAINER CLOSED. HANDLE AND OPEN CONTAINERS WITH CARE STORE IN A COOL, WELL VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT HANDLE OR STORE NEAR AN OPEN FLAME, HEAT OR OTHER SOURCES OF IGNITION. PROTECT MATERIAL FROM DIRECT SUNLIGHT. MATERIAL WILL ACCUMULATE STATIC CHARGES WHICH MAY CAUSE AN ELECTRICAL SPARK (IGNITION SOURCE). USE PROPER GROUNDING PROCEDURES.

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POLYPROPYLENE

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## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: POLYPROPYLENE

CHEMICAL NAME: POLYPROPYLENE

CHEMICAL FAMILY: POLYOLEFIN/HYDROCARBIN

PRODUCT DESCRIPTION: CLEAR TO OPAQUE, WHITE OR COLOURED, SOLID  
PELLETS OR GRANULES

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### CONTACT ADDRESS:

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## SECTION 2 COMPOSITION INFORMATION ON INGREDIENTS

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THIS PRODUCT IS NOT HAZARDOUS AS DEFINED IN 29 CFR 1910.1200

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## SECTION 3 HAZARDS IDENTIFICATION

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### POTENTIAL HEALTH EFFECTS

#### EYE CONTACT:

PARTICLES MAY SCRATCH EYE SURFACES/ CAUSE MECHANICAL  
IRRITATION.

#### SKIN CONTACT:

LOW ORDER OF TOXICITY.

EXPOSURE TO HOT MATERIAL MAY CAUSE THERMAL BURNS.

#### INHALATION:

LOW ORDER OF TOXICITY.

NEGLECTIBLE HAZARD AT AMBIENT TEMPERATURE (-18 TO 38 DEG C; 0 TO  
100 DEG F).

VAPORS AND/OR AEROSOLS WHICH MAY BE FORMED AT ELEVATED  
TEMPERATURES MAY BE IRRITATING TO EYES AND RESPIRATORY TRACT.