

**PRODUCT NAME: OMNI BLUE**  
**PRODUCT CODE: PEF-2857-BL**

**HMIS CODES: H F R P**  
**2 1 1 E**

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

**MANUFACTURER'S NAME: JAMESTOWN POWDER COMPANY**  
**ADDRESS : 108 MAIN STREET**  
P.O. BOX 157  
JAMESTOWN, PA 16134

**EMERGENCY PHONE : 1-800-424-9300**      **DATE PRINTED : 10/22/2009**  
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===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
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1,3,5-TRIZINE-2,4,6 (1H,3H,5H)-TRIONE,1,3,5-TRIS (OXIRANYLMETHYL)-	002451-62-9	< 5%

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

**SPECIFIC GRAVITY (H2O=1): 1.45**

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

**EXTINGUISHING MEDIA:**  
CO2, DRY CHEMICAL FOAM, ALCOHOL FOAM, WATER FOG

**UNUSUAL FIRE AND EXPLOSION HAZARDS**  
DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR.

**SPECIAL FIRE FIGHTING PROCEDURES**  
AS IN ANY FIRE, WEAR SELF-CONTAINED APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE. WATER SHOULD NOT BE USED EXCEPT AS FOG TO KEEP NEARBY CONTAINERS COOL.

===== **SECTION V - HAZARDS IDENTIFICATION** =====

**\*\*\*EMERGENCY OVERVIEW\*\*\***  
THIS POWDER COATING CONTAINS TGIC. TGIC IN ITS PURE FORM HAS BEEN FOUND TO BE MUTAGENIC IN AMES TESTING RESULTS. POWDER COATINGS CONTAINING TGIC ARE NOT MUTAGENIC IN AMES TESTING. HOWEVER, ANIMAL FEEDING TESTS SHOWED THAT A POWDER CONTAINING 9% TGIC (HIGHER THAN NORMAL LEVEL) PRODUCED CHROMOSOMAL ABERRATIONS IN MOUSE SPERMATOGONIAL CELLS. POWDERS CONTAINING NORMAL LEVELS OF TGIC (AROUND 4.5%) SHOWED NO MUTAGENIC TENDENCIES.

OTHER RECENT STUDIES INVOLVING INHALATION EXPOSURE DEMONSTRATED THAT A POWDER CONTAINING 10% TGIC PRODUCED NO EFFECTS IN LABORATORY ANIMALS AT A 100-MG/M3 DOSAGE LEVEL. 1000 MG/M3 PRODUCED DISPUTABLE RESULTS.

RESULTS OF AN ADDITIONAL STUDY WERE PUBLISHED IN 1992. THIS STUDY SHOWED NO OBSERVABLE EFFECTS AT A 1000 MG/M3 LEVEL FOR A 4.6% CONTAINING POWDER COATING.

USING A SAFETY FACTOR OF 100 TIMES THE OCCUPATIONAL EXPOSURE LEVEL OF THIS PRODUCT IS 10- MG/M3 BASED ON AN EIGHT-HOUR TIME WEIGHTED AVERAGE. THIS EXPOSURE LEVEL IS CONSISTENT WITH THE OCCUPATIONAL EXPOSURE LIMIT RECOMMENDED FOR DUSTS.

**EFFECTS OF OVEREXPOSURE - EYE CONTACT**

CONTACT WITH EYES CAUSES EYE IRRITATIONS.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT**

MAY CAUSE SKIN IRRITATION WITH PROLONGED CONTACT.

**EFFECTS OF OVEREXPOSURE - INHALATION**

EXPOSURE MAY PRODUCE IRRITATION TO THE NOSE, THROAT, RESPIRATORY TRACT AND OTHER MUCOUS MEMBRANES.

**EFFECTS OF OVEREXPOSURE - INGESTION**

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS**

NOTICE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

===== **SECTION VI - FIRST AID MEASURES** =====

**FIRST AID - EYE CONTACT**

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

**FIRST AID - SKIN CONTACT**

REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN CONTAMINATED SHOES BEFORE REUSE. SEEK MEDICAL ATTENTION.

**FIRST AID - INHALATION**

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

**FIRST AID - INGESTION**

IF SWALLOWED, CONTACT MEDICAL PERSONNEL OR POISON CONTROL CENTER IMMEDIATELY. IF DIRECTED BY THEM, INDUCE VOMITING IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

===== **SECTION VII - ACCIDENTAL RELEASE MEASURES** =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

PROVIDE GOOD VENTILATION. SWEEP UP AND DISPOSE OF IN APPROPRIATE CONTAINER IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

===== **SECTION VIII - HANDLING AND STORAGE** =====

**HANDLING**

USE IN COOL, WELL VENTILATED AREAS. KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP AWAY FROM EXCESSIVE HEAT AND OPEN FLAMES. FOR GREATER SHELF LIFE, DO NOT STORE ABOVE 80 DEGREES F.

**STORAGE**

STORE BELOW 80 DEGREES F.KEEP AWAY FROM HEAT, SPARKS AND FLAMES. AVOID SKIN CONTACT. AVOID INHALATION.

===== **SECTION IX - EXPOSURE CONTROLS/ PERSONAL PROTECTION** =====

**ENGINEERING CONTROLS**

LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINANTS TO WITHIN THEIR TLVs DURING USE OF THIS PRODUCT. USE VENTILATION AS REQUIRED TO CONTROL DUST CONCENTRATION. EYEWASH STATIONS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

**RESPIRATORY PROTECTION**

A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. DO NOT USE IN AREAS WITHOUT VENTILATION. IN OUTDOOR OR OPEN AREAS USE (NIOSH/MSHA APPROVED) MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION. IN RESTRICTED VENTILATION AREAS, USE (NIOSH/MSHA APPROVED) CHEMICAL-MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATIUN OF PARTICULATES. IN CONFINED AREAS USE (NIOSH/MSHA APPROVED) AIR LINE TYPE RESPIRATORS OR HOODS. RESPIRATORY PROTECTION MAY ALSO BE NECESSARY IN ANY LATER MANUFACTURING OPERATIONS IN WHICH THE PRODUCT MAY BECOME AIRBORNE IN THE FORM OF DUST.

**SKIN PROTECTION**

PROTECTIVE GLOVES ARE REQUIRED FOR PROLONGED OR REPEATED CONTACT. WEAR RESISTANT GLOVES SUCH AS NATURAL RUBBER, NEOPRENE, BUNA N OR NITRILE. AN APRON SHOULD BE WORN TO AVOID SKIN CONTACT. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.)

**EYE PROTECTION**

AVOID CONTACT WITH EYES. WEAR GOOGLES IF THERE IS A LIKELIHOOD OF CONTACT WITH EYES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.) EYEWASH STATIONS AND SAFETY SHOWERS SHOULD BE READILY AVAILABLE IN USE AND HANDLING AREAS.

**OTHER PROTECTIVE EQUIPMENT**

**HYGENIC PRACTICES**

WASH HANDS BEFORE EATING. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. USE ONLY IN A WELL VENTILATED AREA. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE THEY MAY RETAIN PRODUCT RESIDUES. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

===== **SECTION X - STABILITY AND REACTIVITY** =====

**CONDITIONS TO AVOID**

EXCESSIVE HEAT, POOR VENTILATION, CORROSIVE ATMOSPHERE, EXCESSIVE AGING.

**INCOMPATIBILITY**

ALKALINE MATERIALS, STRONG ACIDS, AND OXIDIZING MATERIALS.

**HAZARDOUS DECOMPOSITION PRODUCTS**

MAY PRODUCE HAZARDOUS FUMES WHICH MAY CONTAIN SMOKE, CARBON DIOXIDE OR CARBON MONOXIDE.

**STABILITY**

THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

===== **SECTION XI - DISPOSAL CONSIDERATIONS** =====

**DISPOSAL METHOD**

DISPOSE IN ACCORDANCE WITH LOCAL, STATE OR FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

===== SECTION XII - REGULATORY INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
<b>Pennsylvania Hazardous Substance</b>		
BARIUM SULFATE	007727-43-7	< 25%
<b>New Jersey RTK Hazardous Substance</b>		
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***		
<b>California Proposition 65 Substance</b>		
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***		
<b>Florida Toxic Substance</b>		
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***		
<b>Massachusetts Hazardous Substance</b>		
BARIUM SULFATE	007727-43-7	< 25%
<b>Michigan Critical Material</b>		
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***		
<b>Minnesota Hazardous Substance</b>		
BARIUM SULFATE	007727-43-7	< 25%
<b>New York List Of Hazardous Substances</b>		
*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***		
<b>Washington PEL's for Air Contaminants</b>		
BARIUM SULFATE	007727-43-7	< 25%
OSHA TWA 15 mg/m3		
NIOSH TWA 10 mg/m3		
ACGIH TWA 10 mg/m3		

===== DISCLAIMER =====

**DISCLAIMER**

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