

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Harris & Bruno International		TRADE NAME: Harris & Bruno Anti-Offset Spray Powder - All Grades	
USA: 8555 Washington Blvd. Roseville, CA 95678			
Ph. 916.781.7676 Fax. 916.781.3645			
EUROPE: Auf der Hohe 15 D073529 Schwabisch Gmund Germany			
Ph. +49.7171.94704.0 Fax. +49.7171.94704.20			
Hazardous Ingredients / Identity Information			
Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS
Chemical Name: Starches	N/A	30 mp pcf	10/mg/M ³
Chemical Family: Carbohydrates			
CAS# 9005-25-8			
HMIS RATING: H-0, F-0, R-0			
DOT Classification - 55			
Dry powdered starch NOI			
NMFC- 178760 Sub 2			
This product is a food starch and contains no carcinogens			
Physical / Chemical Characteristics			
Boiling Point:	N/A	Specific Gravity (H ₂ O = 1) 1.5-1.6	
Vapor Pressure:	N/A	Melting Point: N/A	
Vapor Density (air = 1) N/A		Evaporation Rate (Butyl Acetate = 1): N/A	
Solubility in water:	COLD - insoluble	HOT- slightly soluble	
Appearance and Odor: White free flowing powdered starch with slight cereal odor.			
Fire and Explosion Data			
Flash Point (Method Used)	Dust Test 360 - 575 °C		
Flammable Limits:	LEL 70M	UEL N/A	
Extinguishing Media	Dry chemical fire extinguishers or water spray		
Special Fire Fighting Procedures	Avoid creating dust that may cause a secondary explosion		
Unusual Fire and Explosion Hazards:	Explosive in specific dust concentrations only		
Reactivity Data			
Stability	Conditions to avoid: N/A		
Stable:	XX		
Incompatibility (materials to avoid):	Avoid contact with sodium chlorite or other hazardous byproducts		
Oxidizing Materials	None		
Polymerization	Will not occur		
Health Hazard Data			
Primary routes of inhalation:	Skin	Ingestion	
Health Hazards (acute & chronic):	Secondary	n/a	
Unknown:	This material is a food starch with no known limit values		
Carcinogenicity:	NTP?	IARC MONOGRAPHS?	OSHA REGULATED?
Not a carcinogen	None	Yes	
Signs & symptoms of exposure:	No known adverse health affects - will ingest in body within 24 hours or less		
Medical Conditions:	May scratch or aggravate eye surface		
Emergency & First Aide Procedures:	Flush eyes with water until clear, if aggravation continues consult medical attention		
Precaution for safe handling use			
Steps in case material is released or spilled	Dry sweep using dust control floor sweeping compound or flush with water		
Waste disposal method:	Consult local, state and federal codes		
Precautions to be taken in handling and storing:	Store at ambient temperatures & keep containers closed when not in use		
Fire Hazards should be avoided.	Adequate sprinkler system or other precautions should be taken		
Control measures			
Respirator Protection	Standard dusk mask		
Ventilation	Local exhaust	To Outside	Speical: N/A
	Mechanical	Dust & spark proof	Other: N/A
Protective Gloves	Not required		
Other protective clothes:	Not required		
Work/hygein practices:	Keep equipment clean, use common sense, avoid smoking and build up on lights and ceiling beam which may cause dangerous dust concentrations to fall		