

LU1500  
LU1501

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name:

SpokePrep™

II. COMPOSITION

Ingredients	CAS No.	%
Water	7732-18-5	60-65
Acrylic Polymer	37325-11-4	10-15
Mica	1318-94-1	5-10
Poly (ethylene)	9002-88-4	5-7
Poly (tetrafluoroethylene)	9002-84-0	3-5
Titanium Dioxide	13463-67-7	1-3
Sodium Nitrite	7632-00-0	0.1-1
Ammonium Hydroxide	1336-21-6	0.1-1

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure:	Approximately 20mm mercury
Vapor Density:	Less than 1
Solubility in Water:	Aqueous
Specific Gravity:	1.2
Boiling Point:	Approximately 212° F
Volatile Organic Compound (EPA Method 24)	Not available
Evaporation Rate (Ether = 1)	Note available
pH:	Approximately 9
Appearance:	Orange or blue dispersion
Odor:	Ammonia

IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash Point:	Aqueous	Method: Not applicable
Estimated NFPA Code:		
Health Hazard:	1	
Fire Hazard:	0	
Reactivity Hazard:	0	
Specific Hazard:	Does not apply	
Estimated HMIS Code:		
Health Hazard:	1	
Flamability Hazard:	0	
Reactivity Hazard:	0	
Personal Protection:	see Section X.	
Explosive Limits:		
(% by volume in air) Lower	16% (ammonia) Ammonium hydroxide	
(% by volume in air) Upper	25% (ammonia) Ammonium hydroxide	
Recommended Extinguishing Agents	Any type is acceptable	
Hazardous Products Formed by Fire or Thermal Decomposition	At flame temperatures, traces of toxic fluorides and hydrogen cyanide may be formed.	
Unusual Fire or Explosion Hazards:	None	
Compressed Gases:	None	
Pressure at Room Temperature:	Does not apply	

V. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak:	Scrape up as much as possible and clean the residue promptly with soap and water.
Recommended methods of disposal:	Incinerate following EPA and local regulations

VI. STORAGE AND HANDLING PROCEDURES

Storage:	Protect from freezing.
Handling:	Avoid prolonged skin contact. Keep away from eyes.

VII. SHIPPING REGULATIONS

DOT (49 CFR 172)	
Proper Shipping Name	Unrestricted
Hazard Class or Division	Unrestricted
Identification Number	None

IATA	
Proper Shipping Name	Unrestricted
Class or Division	Unrestricted
UN or ID Number	None

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VII. SHIPPING REGULATIONS (continued)

IMO	
Substance	Not available
Marine Pollutant Status	Not available
Class	Not available
Subsidiary Risk Label	Not available
IMDG Code Page	Not available
UN Number	Not available

VIII. REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will Not Occur
Hazardous Decomposition Products (non-thermal):	None
Incompatibility:	Acids

IX. EMERGENCY TREATMENT PROCEDURES

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact:	Flush with water
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.

X. PERSONAL PROTECTION

Eyes:	Safety glasses or goggles.
Skin: Rubber or plastic gloves.	
Ventilation:	Must be adequate to avoid exceeding TLV during drying.

XI. HEALTH HAZARD DATA

Toxicity:	Estimated oral LD50 greater than 5000 mg/kg. Estimated dermal LD50 greater than 2000 mg/kg.
Primary Routes of Entry:	Inhalation, ingestion, contact.
Signs and Symptoms of Exposure:	Irritation of eyes, nose, throat.
Existing Conditions Aggravated by Exposure:	Ammonium hydroxide: skin and respiratory disorders; Mica: respiratory disorders

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (TLV)	OTHER
Mica	3 mg/m3 TWA respirable dust	3 mg/m3 TWA respirable dust	None
TITANIUM DIOXIDE	10 mg/m3 dust	10 mg/m3 dust 5 mg/m3 resp	None
AMMONIUM HYDROXIDE	25 ppm ammonia 17 mg/m3 ammonia	None	25 ppm

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		IARC	OSHA	
Water	No Data	NO	NO	NO
Acrylic polymer	No Data	NO	NO	NO
Mica	LUN	NO	NO	NO
Poly (ethylene)	No Data	NO	N/A	NO
Poly (tetrafluoroethylene)	No Data	NO	N/A	NO
TITANIUM DIOXIDE	IRR	NO	NO	NO
SODIUM NITRITE	BLO DEV MUT REP	NO	NO	NO
AMMONIUM HYDROXIDE	IRR	NO	NO	NO

Abbreviations

N/A Not Applicable	BLO Blood
DEV Developmental	IRR irritant
LUN Lung	MUT Mutagen
REP Reproductive	

XII. PREPARATION INFORMATION

Prepared By:	Jon Hjertberg
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