

MATERIAL SAFETY DATA SHEET

Date Issued: 11/02/2012
 MSDS No: 2222
 Date Revised: 06/18/2013
 Revision No: 4

WonderMASK PX

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WonderMASK PX
PRODUCT CODE: 2222-16SQ, -G

MANUFACTURER

Tech Spray, LLC
 1001 NW 1st Street
 P.O. Box 949
 Amarillo, TX 79107

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC CCN#21858 (US Transportation) :(800) 424 - 9300
CANUTEC (Canadian Transportation) :(613) 996 - 6666
Emergency Phone :(800) 858 - 4043

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: May be harmful if swallowed. May cause irritation to skin, eyes, and respiratory system.

POTENTIAL HEALTH EFFECTS

EYES: May cause irritation.

SKIN: May cause irritation.

INGESTION: May be harmful if swallowed.

INHALATION: Inhalation of airborne droplets may cause irritation of the respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: Refer to Section 11 for Toxicological Information.

MEDICAL CONDITIONS AGGRAVATED: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Titanium dioxide	0.1 - 1	13463-67-7	2366755

COMMENTS: Ammonia content is < 0.3%.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Never give anything by mouth to an unconscious person. Seek medical attention if necessary. Do not induce vomiting without medical advice.

INHALATION: Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist or in all cases of doubt, seek medical advice.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: No data available.

FLAMMABLE LIMITS: No data available. to No data available.

AUTOIGNITION TEMPERATURE: No data available.

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EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

OTHER CONSIDERATIONS: Burning dry latex produces black smoke with the possibility of toxic vapors. Residual latex material contained in empty drums may decompose when burned, producing toxic or irritating fumes. Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

FIRE FIGHTING PROCEDURES: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighter to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

ENVIRONMENTAL PRECAUTIONS

LAND SPILL: The product should not be allowed to enter drains, water courses, or the soil.

GENERAL PROCEDURES: Ensure response personnel are properly protected (see Section 8 for respiratory or other protection guidelines). Use caution as floors may be slippery.

7. HANDLING AND STORAGE

HANDLING: Use only in area provided with appropriate exhaust ventilation. Prolonged heating may result in product degradation. Material may settle during storage. Careful mixing without introduction of air may be necessary before use.

STORAGE: Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool place. Keep from freezing and extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Titanium dioxide	TWA	5 mg/m ³	10	10 mg/m ³ [1]	10 [1]	NL	NL
	STEL	NL	NL	NL	NL	NL	NL
OSHA TABLE COMMENTS:							
1. Total dust							

ENGINEERING CONTROLS: Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapors.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side-shields. Wear goggles or face shield during operations that present a splash potential.

SKIN: Long sleeved shirts and long pants are adequate for normal handling. Where operations present a splash or spill potential, employees should wear chemically resistant clothing, boots, apron, gloves and face/eye

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protection. Wear impervious gloves such as rubber or PVC.

RESPIRATORY: A respirator is normally not required for routine handling of product in areas of good general ventilation and adequate local exhaust at processing equipment during routine operation. Airborne contaminant levels should be maintained below the occupational exposure guidelines.

WORK HYGIENIC PRACTICES: Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight

COLOR: White

pH: 9.5 to 11.0

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Heavier than air

BOILING POINT: Not Established

MELTING POINT: Not Applicable

FLASHPOINT AND METHOD: No data available.

SOLUBILITY IN WATER: Completely miscible

EVAPORATION RATE: Slower than butyl acetate

DENSITY: 9.10 - 9.76 at 25°C

Notes: lbs/cft

SPECIFIC GRAVITY: 1.090 to 1.17 g/mL at 25°C

(VOC): 2222 is considered zero-VOC or VOC-free, as it contains < 5 g/L VOC.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur.

CONDITIONS TO AVOID: Extremes of temperature and direct sunlight. Keep from freezing.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

INCOMPATIBLE MATERIALS: Acids, metal salts, and solvents

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

IARC: Titanium dioxide (CAS # 13463-67-7) is IARC listed as 2B (possibly carcinogenic to humans).

GENERAL COMMENTS: This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture. Titanium dioxide, in its pure form, has the following characteristic - systemic effects on the respiratory system.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not Available

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Where possible, recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation, and disposal in accordance with applicable federal, state/provincial, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Nonhazardous

UN/NA NUMBER: NA

PACKING GROUP: NA

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: No classification

AIR (ICAO/IATA)

SHIPPING NAME: Nonhazardous

UN/NA NUMBER: NA

PACKING GROUP: NA

VESSEL (IMO/IMDG)

SHIPPING NAME: Nonhazardous

UN/NA NUMBER: NA

PACKING GROUP: NA

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Titanium dioxide	13463-67-7

TSCA REGULATORY: All chemicals in this product are listed in the TSCA inventory or are otherwise exempt.

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Classified as hazardous based on components.

CANADA

WHMIS CLASS: Class D2A - Very Toxic

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Canadian DSL or are exempt.

16. OTHER INFORMATION

APPROVED BY: Pierce A. Pillon **TITLE:** Chemist

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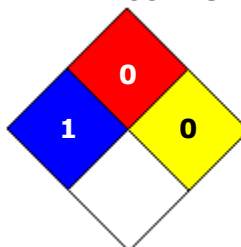
PREPARED BY: Lindsey Shehan

REVISION SUMMARY: This MSDS replaces the 05/16/2013 MSDS. Revised: **Section 2: EMERGENCY OVERVIEW - IMMEDIATE CONCERNS.**

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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