





## **WP-4MATERIAL SAFETY DATA SHEET**

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**EYE CONTACT:** Dust may cause mechanical irritation, redness, pain, and corneal damage if not flushed out promptly.

**CHRONIC EXPOSURE:** No data found.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** No data found.

### **4. FIRST AID MEASURES**

**INHALATION FIRST AID:** If a respiratory problem develops from dust. Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention. If the victim has difficulty breathing or tightness of the chest, is dizzy, vomiting or unresponsive, give 100% oxygen with rescue breathing or CPR as required and transport to the nearest medical facility. Normally all that is required will be to bring victim to fresh clean air.

**SKIN CONTACT FIRST AID:** Wash off with soap and plenty of water. If skin irritation persists, call a physician.

**EYE CONTACT FIRST AID:** If dust comes into contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

**INGESTION FIRST AID:** Immediately give large volume of water to drink. If symptoms persist, call a physician.

**STATEMENT OF PRACTICAL TREATMENT:** Always have plenty of water available for first aid. Get medical attention if any symptoms develop or persist. This product is a desiccant and generates heat as it adsorbs water. The used product can contain material of a hazardous nature. Identify that material and treat symptomatically.

### **5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:** Not flammable.

**FLAMMABLE LIMITS IN AIR, % by Volume:**Not applicable

**AUTO IGNITION TEMPERATURE:** Not available

**EXTINGUISHING MEDIA:** Water, dry chemical, alcohol foam, or carbon dioxide. Water spray may be used to keep exposed material cool. Do not allow water runoff to enter sewers or waterways.

**FIRE & EXPLOSION HAZARDS:** The product itself does not burn. The used product can retain material of a hazardous nature. Identify that material and inform the fire fighters.

**SPECIAL PROTECTIVE EQUIPMENT:** In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit.

### **6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** Physical form requires no obvious personal protective equipment when cleaning up spills. Wear a dust mask if particulate count exceeds limits. See section 8.

**SPILLS PROCEDURE:** Sweep, shovel or vacuum spilled product into appropriate containers (do not use a vacuum if material has contacted a hydrocarbon material). Pick-up and arrange disposal without creating dust. Never

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use spilled product. Spilled product should be disposed of in accordance with all applicable government regulations.

ENVIRONMENTAL PRECAUTIONS: None.

**7. HANDLING AND STORAGE**

RECOMMENDED STORAGE CONDITIONS: Store in original container. Keep in a dry place.

HANDLING (PERSONNEL): Handle in accordance with good hygiene and safety procedures. Avoid breathing dust if present. Wash thoroughly after handling. Handle and open container with care. Avoid formation of dust particles. Avoid contact with skin and eyes. Provide an electrical ground connection during loading and transfer operations to avoid static discharge in an explosive atmosphere and to prevent persons handling the product from receiving static shocks.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

AIRBORNE EXPOSURE LIMITS: See Section 2 above.

VENTILATION SYSTEM: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH APPROVED): If the respirable particulate exposure limit is exceeded, wear a NIOSH approved dust mask. NIOSH classification N-100 or if oil/liquid aerosols are present P-100 (42 CFR 84).

SKIN PROTECTION: Protective gloves.

EYE PROTECTION: When mechanically working this product, safety glasses with side shields or coverall goggles are recommended for airborne dust exposures in excess of the applicable limits.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM: powder, granular  
ODOR: NO appreciable odor  
SOLUBILITY IN WATER: insoluble  
MELTING/FREEZING POINT: N/D  
Auto ignition Temperature: N/D  
VOC = None

COLOR: brown to orange  
BOILING POINT: N/D (Not Determined)  
SPECIFIC GRAVITY: Nominal SG  
Evaporation Rate: Not applicable  
pH: N/D  
VAPOR PRESSURE: N/D @ 72 F N/D

**10. STABILITY AND REACTIVITY**

STABILITY: The material is stable except with HF.

CONDITIONS TO AVOID: Contact with HF.

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POLYMERIZATION: Polymerization will not occur.

INCOMPATIBILITY: Contact with gaseous or aqueous HF.

DECOMPOSITION PRODUCTS: No decomposition if used as directed. Contact with HF might dissolve the silica backbone of the resin, making the material unusable, but not hazardous.

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity:

LC50/inhalation/rat = No data available.

Chronic toxicity:

EC Carcinogenic:

EC Mutagenic:

EC Toxic for Reproduction:

Classification of Ingredients

Not listed.

Not listed.

Not listed.

Carcinogenicity (ACGIH):

IARC classification:

Not listed

Routes of exposure: Exposure may occur via inhalation, contact with skin and eyes.

Irritation:

No data available.

Local effects:

Dust may cause mechanical irritation of eyes. Chronic, long term exposure (10 years - 30 years), may result in pulmonary fibrosis (silicosis). Aggravates bronchitis, asthma & emphysema.

Sensitization:

Not known to occur with this material.

RTECS #: No data available

**12. ECOLOGICAL INFORMATION**

Material offers no known environmental hazard.

**13. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL: This product (in its fresh unused state) is not listed by generic name or trademark name in the U.S. EPA's RCRA regulations and does not possess any of the four identifying characteristics of hazardous waste (ignitability, corrosivity, reactivity or toxicity). Materials of a hazardous nature that contact the product during normal use may be retained on this product. The user of the product must identify the hazards associated with the retained material in order to assess the waste disposal options.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

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**14. TRANSPORTATION INFORMATION**

**Domestic (Land, D.O.T.), International (Water, I.M.O.), International (Air, I.C.A.O.)**

PRODUCT LABEL: **WP-4** UN NUMBER: Non-Regulated material  
PACKAGE CLASS: 50 D.O.T. HAZARD CLASS: NA  
D.O.T. PROPER SHIPPING NAME: Not regulated PACKING GROUP: NA  
PRODUCT RQ (LBS): None

*Not classified as hazardous or dangerous in the meaning of transport regulations.*

**15. REGULATORY INFORMATION - FEDERAL REGULATORY STATUS**

OSHA Classification: Product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200. As a respirable dust only.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) Reportable Quantity (RQ): None

The following component(s) of this product is/are subject to release reporting under 40 CFR 302 when release exceeds the Reportable Quantity: None

Carcinogenicity: by IARC?: Yes ( ) No ( X) by NTP?: Yes ( ) No ( X)

SARA Title III (Superfund Amendments and Reauthorization Act of 1986): NONE

Section 302 (Extremely Hazardous Substances): NONE

The following component(s) of this product is/are subject to the emergency planning provisions of 40 CFR 355 when there are amounts equal to or greater than the Threshold Planning Quantity (TPQ): None

Section 313 (Toxic Chemicals):

The following component(s) have been specified as Toxic Chemicals under SARA Section 313 and may be subject to the Toxic Release Inventory (TRI) reporting requirements under 40 CFR 372: None

Poison Schedule: None allocated.

**The following components are listed in U.S. State Regulations:**

<u>State Reg Reference:</u>	<u>Component(s)</u>
NONE	

**Canada**

**Canadian Hazardous Products Act:**

NONE

**Canadian Environmental Protection Act:**

All the ingredients of this mixture are notified to CEPA and on the DSL (Domestic Substances List).

**European Union (EU)**

**European Inventory of Existing Commercial Chemical Substances:**

All components of this product are included in EINECS/ELINCS.

**Council of European Communities Directive on Classification, Packaging and Labeling of Dangerous**

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**Substances/Preparation (67/548/EEC & 88/379/EEC):**

No Dangerous Goods Label Required.

Labeling acc. to Annex I of Directive 67/548/EEC: Hazard symbol: Xn (harmful) UN-Number: N/A

<p>R-phrases 36/37 – irritating to eyes and respiratory system</p>	<p>S-phrases 7 - keep container tightly closed 22 – do not breathe dust 26 – in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 36 – wear suitable protective clothing</p>
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This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists: ENCS (Japan), Korea, Australia, China (Draft), PICCS (Philippines), Japan (ENCS).

**16. OTHER INFORMATION**

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004)

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END OF MSDS