



**M A T E R I A L   S A F E T Y   D A T A   S H E E T**

PRODUCT CODE: ACC WS-3

**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

PRODUCT NAME: ACC WS-3  
 PRODUCT CODE: ACCWS3

**MANUFACTURER'S NAME: AirChem Consumables**

**ADDRESS :** P.O Box: 261503  
 Jebel Ali Free Zone,  
 Dubai, UAE

**INFORMATION PHONE :** +971-4-881 8084

**DATE GENERATED:** 2/5/2015

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg	@ TEMP	WEIGHT PERCENT
WATER	7732-18-5	17.535	68 F	40% to 60%
INORGANIC PIGMENT	13463-67-7	N/A	N/A	10% to 25%
OSHA PEL 8 HR TWA - 15 mg/m3 (TOTAL DUST)				
POLYESTER RESIN	35484-93-6			10% to 25%
*N-METHYL PYRROLIDONE	872-50-4	0	0	1% to 10%
100 ppm - ACGIH				
WEEL - 10 ppm				
BUTOXY PROPOXY PROPANOL		0.01	68 F	1% to 10%
2,2,4-TRIMETHYL-1,3-PENTANEDIOL, MONOISOBUTYRATE	25265-77-4	.01	68	1% to 10%
*TRIETHYLAMINE	121-44-8	54	0	0% to 1%
10 ppm - ACGIH				
*ALKANE DIOL	PROPRIETRY	0.3	68	0% to 1%
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	.5	68 F	0% to 1%
ACGIH - 150ppm				
OSHA - 150ppm				
POLYSILOXANE		N/A	N/A	0% to 1%
POLYETHER MODIFIED SILOXANE		<1	68 F	0% to 1%
POLYURETHANE RESIN		0.0816	68	0% to 1%
PROPYLENE GLYCOL, US WEEL, TWA: 10 MG/M3				
SILICONE ADDITIVE		1	68 F	0% to 1%
*AMORPHOUS SILICA	7631-86-9	10	3149.6	0% to 1%
AMORPHOUS SILICA, OSHA PEL: 80 MG/M3 /%SIO2				
AMORPHOUS SILICA, ACGIH TLV, TWA: 10 MG/M3				
(INHALABLE)				
AMORPHOUS SILICA, ACGIH TLV, TWA: MG/M3				
(RESPIRABLE)				
BARIUM SULFATE	7727-43-7	0	0	0% to 1%
OSHA PEL: 15 mg/m3, ACGIH TLV: 10 mg/m3				
INORGANIC PIGMENT		N/A	N/A	0% to 1%
ORGANIC PIGMENT	84632-65-5			0% to 1%
CARBON BLACK		N/A	N/A	0% to 1%
OSHA PEL - 3.5 mg/m3				
ACGIH TLV - 3.5 mg/m3				
ORGANIC PIGMENT		N/A	N/A	0% to 1%

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**3. HAZARD IDENTIFICATION OF THE PRODUCT**



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Acute health effects

Ingestion may cause nausea, vomiting and diarrhea. May cause eye and skin irritation. Inhalation may cause irritation of the respiratory tract and mucous membranes.

Chronic health effects

N-METHYL PYRROLIDONE: Prolonged or repeated skin contact may de-fat the skin and produce dermatitis.

Signs/Symptoms of exposure

Irritation

Target Organs

Eyes, Respiratory tract, Skin

Medical conditions aggravated by exposure

Pre-existing skin problems may be aggravated by prolonged or repeated contact. Persons with sensitive airways (e.g., asthmatics) may react to vapors.

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**4. FIRST AID MEASURES**

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**EMERGENCY AND FIRST AID PROCEDURES**

Eye Contact: Flush with water for 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. Remove contaminated clothing. Consult a physician immediately. Inhalation: Remove to fresh air. Consult a Physician immediately. Ingestion: Drink water to dilute. Do not induce vomiting. Consult a physician immediately.

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**5. FIRE-FIGHTING MEASURES**

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**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

**SPECIAL FIREFIGHTING PROCEDURES**

Water spray may be ineffective. If water is used, fog nozzles are preferred. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. Self-contained breathing apparatus should be worn by firefighters.

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**6. ACCIDENTAL RELEASE MEASURES**

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

Evacuate non-essential personnel. Remove all sources of ignition. Ventilate the area. Equip clean-up crew with self-contained breathing apparatus. Dike spill. Cover with sawdust, vermiculite or Fuller's earth. Collect in open containers.

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**7. HANDLING AND STORAGE**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Do not store above 100 degrees F. Store in large quantities only in buildings designed to comply with OSHA 1910.106. Keep containers closed and upright to prevent leakage. Do not store or use near heat, sparks or flames.

**OTHER PRECAUTIONS**

Avoid prolonged or repeated contact with vapor or spray mist during application or curing.



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**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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**Engineering Measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

**Personal Protection**

**Respiratory Protection**

Where overspray is present, a positive pressure air supplied respirator (TC19C NIOSH/MSHA approved) should be worn. If unavailable, a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2 may be effective. Follow respirator manufacturer's directions for use. Wear the respirator for the entire time of spraying and until all vapors and mists are gone. NO PERSONS SHOULD BE ALLOWED IN THE AREA WHERE THIS PRODUCT IS BEING USED UNLESS EQUIPPED WITH THE SAME RESPIRATOR PROTECTION RECOMMENDED FOR THE PAINTERS. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**Eye Protection**

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

**Hand Protection**

Nitrile rubber gloves should be worn during mixing and application.

**Skin Protection**

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>BOILING POINT:</b> 212.0 F	<b>BOILING RANGE:</b> 212.0 F TO 4046.0
N/A	
<b>FLASH POINT <sup>0</sup>F:</b> 137.00	<b>METHOD USED:</b> N/A
<b>COATING V.O.C.:</b> 311.54 G/L	<b>MATERIAL V.O.C.:</b> 127.14 G/L
<b>SPECIFIC GRAVITY (H2O=1):</b> 1.2225	
<b>VAPOR DENSITY:</b> HEAVIER THAN AIR	
<b>EVAPORATION RATE:</b> SLOWER THAN ETHER	
<b>SOLUBILITY IN WATER:</b> SOLUBLE	
<b>APPEARANCE AND ODOR:</b> OPAQUE WITH ODOR OF SOLVENT	

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**10. STABILITY AND REACTIVITY**

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**STABILITY:** STABLE

**CONDITIONS TO AVOID**

Do not store above 100 degrees F. Avoid exposure to heat, sparks, or open flames.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

By fire - CO, CO2, nitrogen oxides.

**HAZARDOUS POLYMERIZATION:**



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WILL NOT OCCUR

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**11. TOXICOLOGICAL INFORMATION**

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There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 15 for details.

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

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**12. ECOLOGICAL INFORMATION**

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There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 199/45/EC and is not classified as dangerous for the environment.

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**13. DISPOSAL CONSIDERATIONS**

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Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

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**14. TRANSPORT INFORMATION**

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Transport only in accordance with the following regulations:

ADR/RID            Paint - Water Based

IMDG

Proper Shipping Name  
UN No  
Ems  
Marine Pollutant

PAINT- WATER BASED  
NON REGULATED  
F-E, S-E  
No

Subsidiary Class

ICAO/IATA

Shipping Name  
UN No

PAINT- WATER BASED  
NON REGULATED

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**15. REGULATORY INFORMATION**

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In accordance with EC Directive 88/379/EEC and the Chemicals (Hazard Information and Packaging for Supply) Regulations SI /3247/1994 this product is labeled as follows:

**TSCA:**

Complies (all chemical constituents are listed on the TSCA 8b inventory or are exempt from listing.)

**State Regulations:**

This product may contain chemicals that fall under individual state Right-to-Know regulatory requirements. See section two (2) for material listings. For details on regulatory requirements, contact the appropriate agency in your state.



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**Symbol(s)**

Toxic

**Contains:**

**R. Phrases:**

May impair fertility.  
May cause harm to the unborn child.  
Flammable.  
Harmful by inhalation, in contact with skin and if swallowed.

**S. Phrases:**

Attention - Avoid Exposure - obtain special instructions before use.  
Do not breathe vapour/spray.  
Wear suitable protective clothing, gloves and eye/face protection.  
Use only in well-ventilated areas.

**P. Phrases:**

Restricted to professional users.

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**16. OTHER INFORMATION**

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The information contained herein is based on data considered accurate, but no warranty is expressed or implied. Users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combinations. Although hazardous materials are listed, we cannot guarantee these are the only ones that exist.