

# TACKWHITE AMC 3 D

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier: TACKWHITE AMC 3 D - AMC 4 D
- 1.2. Relevant identified uses of the substance or mixture and uses advised against: Pressure sensitive adhesive based on acrylic polymers in water dispersion.
- 1.3. Details of the supplier of the safety data sheet: Ichemco srl  
via 11 Settembre, 5  
20012 Cuggiono (MI)  
Italy
- 1.4. Emergency telephone number: +39 02 97243.1 [24hrs, UK: 844 892 0111]
- Further information obtainable from: Product safety department
- Email address of the competent person: safety@ichemco.it

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture  
Classification in accordance with Regulation (EC) No. 1272/2008 (CLP)  
No prescription.
- 2.2. Label elements
- Signal word: none
- Hazard statements: EUH208 Contains methylchloroisothiazolinone and methylisothiazolinone (3:1), CAS 55965-84-9. May produce an allergic reaction.
- Contains: Ethyl-alcohol (substance with community exposure limit) - Ammonia 25-35%, aqueous solution
- 2.3. Other hazards: n. a.

### SECTION 3: Composition/information on ingredients

Substances presenting a health or environmental hazard within the meaning of directives 67/548/EEC, 1999/45/EC and 1272/2008 (CLP):

CAS	EINECS	Registration n.	Denomination	%	Classification(*)
64-17-5	200-578-6	01-2119457610-43	Ethyl-alcohol (substance with community exposure limit) <i>Ethanol</i>	< 0.15	Flam. Liq. 2; H225
1336-21-6	215-647-6	01-2119488876-14	Ammonia 25-35%, aqueous solution <i>Ammonium hydroxide</i>	< 0.5	Aquatic Acute 1; H400 Aquatic Chronic 2; H411 Skin Corr. 1B; H314 STOT SE 3; H335

(\*) For full text of the H- and EUH-phrases, see section 16.

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## SECTION 4: First aid measures

- 4.1. Description of first aid measures:** No damage to the staff assigned to the use of the product is reported. However we encourage to apply the general safety measures here indicated.
- Inhalation:** Move affected person to fresh air.
- Eye contact:** Rinse immediately with fresh water for at least 15 minutes keeping eyes opened, get oculist attention.
- Skin contact:** Wash immediately the parts of the body with water and neuter soap. Pull shoes and contaminated clothes off.
- Ingestion:** Rinse immediately the mouth and drink a lot of water, get medical attention.
- 4.2. Most important symptoms and effects, both acute and delayed:** n. a.
- 4.3. Indication of any immediate medical attention and special treatment needed:** n. a.

## SECTION 5: Firefighting measures

- 5.1. Extinguishing media:** Water mist, dry chemical powder, foam, carbon dioxide (CO<sub>2</sub>).
- Extinguishing media which must not be used:** n. a.
- 5.2. Special hazards arising from the substance or mixture:** n. a.
- 5.3. Advice for firefighters:** A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out.
- Recommendations:** Do not breathe vapours.

## SECTION 6: Accidental release measures

Stop the spillage. Circumscribe the loss and remove it by absorbing on dry sand or other inert materials.

- 6.1. Personal precautions, protective equipment and emergency procedures:** Equip cleanup crew with proper protection. Ventilate area. Evacuate unnecessary personnel.
- 6.2. Environmental precautions:** Prevent spillage of the material into sewers, groundwater and surface waters.
- 6.3. Methods and material for containment and cleaning up:** Stop the outpouring, if possible without hazard. Circumscribe the loss and remove it by absorbing on dry sand or other inert materials.
- 6.4. Reference to other sections:** Please also refer to Sections 8 and 13.

## SECTION 7: Handling and storage

This product must be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

- 7.1. Precautions for safe handling:** Precautionary measures are not required.
- Advice on general occupational hygiene:** (a) not to eat, drink and smoke in work areas;  
(b) to wash hands after use; and  
(c) to remove contaminated clothing and protective equipment before entering eating areas.
- 7.2. Conditions for safe storage, including any incompatibilities:** Avoid freeze and radiating heat. No particular storing condition, keep at room temperature.
- 7.3. Specific end use(s):** Nothing special to note about specific uses.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters:

Substance:	TLW-TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethyl-alcohol (substance with community exposure limit)	1000	1881		
Ammonia 25-35%, aqueous solution	25	17	35	24

**Ethyl-alcohol (substance with community exposure limit):** AGW (Germany) TWA/8h: 960 mg/m<sup>3</sup>; 500 ppm – STEL/15 min: 1920 mg/m<sup>3</sup>; 1000 ppm  
 MAK (Germany) TWA/8h: 960 mg/m<sup>3</sup>; 500 ppm – STEL/15 min: 1920 mg/m<sup>3</sup>; 1000 ppm  
 VLA (Spain) STEL/15 min: 1910 mg/m<sup>3</sup>; 1000 ppm  
 VLEP (France) TWA/8h: 1900 mg/m<sup>3</sup>; 1000 ppm – STEL/15 min: 9500 mg/m<sup>3</sup>; 5000 ppm  
 WEL (UK) TWA/8h: 1920 mg/m<sup>3</sup>; 1000 ppm

#### DNEL

Local effects/Short term/Inhalation Workers > 1900 mg/m<sup>3</sup>; Long term/repeated exposure/ Inhalation Workers > 950 mg/m<sup>3</sup>; Short term/inhalation People > 950 mg/m<sup>3</sup>

Systemic effects/long term/dermal/Workers > 343 mg/kg; long term/Inhalation people > 114 mg/m<sup>3</sup>; Long term/Dermal people > 206 mg/kg

#### PNEC

Soft water > 0.96 mg/l; Sea water > 0.79 mg/l; Soft water sediments > 3.6 mg/kg; Sea water sediments > 2.9 mg/kg; Soil > 0.63 mg/kg; Microorganisms SPT > 709 mg/kg; nutritional chain (secondary poisoning) > 720 mg/kg; water, intermittent release > 2.75 mg/kg

### Ammonia 25-35%, aqueous solution:

#### DNEL

Consumer (local), long term repeated exposure, inhalation: 2,8 mg/m<sup>3</sup>; short term acute exposure, inhalation: 7,2 mg/m<sup>3</sup>

Consumer (systemic), long term repeated exposure, inhalation: 23,8 mg/m<sup>3</sup>; short term acute exposure, inhalation: 23,8 mg/m<sup>3</sup>; long term repeated exposure, dermal: 68 mg/kg bw/day; short term acute exposure, dermal: 68 mg/kg bw/day; long term repeated exposure, oral: 6,8 mg/kg bw/day; short term acute exposure, oral: 6,8 mg/kg bw/day

Worker (local), long term repeated exposure, inhalation: 14 mg/m<sup>3</sup>; short term acute exposure, inhalation: 36 mg/m<sup>3</sup>

Worker (systemic), long term repeated exposure, dermal: 6,8 mg/kg bw/day; short term acute exposure, dermal: 6,8 mg/kg bw/day; short term acute exposure, inhalation: 47,6 mg/m<sup>3</sup>; long term repeated exposure, inhalation: 47,6 mg/m<sup>3</sup>

#### PNEC

Soft water: 0.0011 mg/l

Sea water: 0.0011 mg/l

Intermittent release: 0.0068 mg/l

**8.2. Exposure controls:** Ensure good ventilation and local exhaustion of the working area, to keep vapours concentration below the limits.

**Appropriate engineering controls:** The plants must be under the existing safety regulations.

**Eye / face protection:** Glasses with side protection ("cage" glasses) (EN166).

**Hand protection:** Neoprene or rubber gloves, suitable for chemical products (EN374).

**Skin protection:** Use full protective clothing for chemicals (working-dress, apron).  
Protective shoes.

**Respiratory protection:** Store in a cool, well ventilated area.

**Thermal hazards:** n. a.

Environmental exposure controls: n. a.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties:

(a) Appearance: White.

Physical state: Liquid.

Colour: White.

(b) Odour: Slightly ammonia-like.

(c) Odour threshold: n.a.

(d) pH: 8.5 - 9.5

(e) Melting point: n.a.

Freezing point: n.a.

(f) Initial boiling point and boiling range: n.a.

(g) Flash point: n.a.

(h) Evaporation rate: n.a.

(i) Flammability (solid gas): n.a.

(j) Upper/lower flammability or explosive limits: n.a.

(k) Vapour pressure (at 20°C): n.a.

(l) Vapour density: n.a.

(m) Relative density (at 20°C):  $\sim 1 \text{ g/cm}^3$

(n) Solubility in water: Miscible

(o) Partition coefficient: n-octanol/water: n.a.

(p) Auto-ignition temperature: n.a.

(q) Decomposition temperature: n.a.

(r) Viscosity: n.a.

(s) Explosive properties: n.a.

(t) Oxidising properties: n.a.

9.2. Other information: n. a.

## SECTION 10: Stability and reactivity

No decomposition if correctly used.

10.1. Reactivity: There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability: The material is stable in normal use and stocking conditions.

10.3. Possibility of hazardous reactions: n. a.

10.4. Conditions to avoid: Low temperatures (protect from freezing).

10.5. Incompatible materials: n. a.

10.6. Hazardous decomposition products: Combustion can produce carbon oxides, toxic gases and fumes.

## SECTION 11: Toxicological information

11.1. Information on toxicological effects: Following our experience, if handled in a technically correct way and employed under prescriptions, product does not cause harmful effects on health. In case of prolonged action product may cause skin and mucous membranes irritations.

acute toxicity: n. a.

irritation: n. a.

corrosivity: n. a.

sensitisation: n. a.

repeated dose toxicity: n. a.

carcinogenicity: n. a.

mutagenicity: n. a.

toxicity for reproduction: n. a.

Information on likely routes of exposure: n. a.

Symptoms related to the physical, chemical and toxicological characteristics: n. a.

Delayed and immediate effects as well as chronic effects from short and long-term exposure: n. a.

Interactive effects: n. a.

## SECTION 12: Ecological information

Prevent contamination of soil and surface waters. Avoid dispersion of material into soil, drains or surface waters. Avoid dispersion of residues into drains.

- 12.1. Toxicity: n. a.
- 12.2. Persistence and degradability: n. a.
- 12.3. Bioaccumulative potential: n. a.
- 12.4. Mobility in soil: n. a.
- 12.5. Results of PBT and vPvB assessment: This product is not, or does not contain a substance classified as PBT or vPvB.
- 12.6. Other adverse effects: n. a.

## SECTION 13: Disposal considerations

13.1. Waste treatment methods: Incineration or disposal in accordance with legal regulations.

## SECTION 14: Transport information

This preparation is not classified dangerous according to international transport regulations.

## SECTION 15: Regulatory information

Information contained in this SDS is based on the present state of our knowledge and on current EU directives 67/548/EEC, 1999/45/EC, 2001/58/EC, and subsequent updates, and Regulation (EC) No 1907/2006 of the European Parliament and of the Council ("REACH") and subsequent updates (Commission Regulation 2010/453 of 20 May 2010), and national laws.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture: n. a.

15.2. Chemical safety assessment: Not applicable

## SECTION 16: Other information

PROTECT FROM FREEZING. STORE IN A DRY LOCATION BETWEEN 5 AND 30°C. AVOID DIRECT SUNLIGHT.

STIR ACCURATELY BEFORE USE

Full text of H phrases listed in Section 3:

- H225 Highly flammable liquid and vapour.
- H314 Causes severe skin burns and eye damage.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

Users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.

The information in this Safety Data Sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) regulations.