

MATERIAL SAFETY DATA SHEET

ADD MIX-21

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Umaco Inc.
60 Rear Newhall Street
Lowell, Ma. 01852

PRODUCT NAME: ADD MIX-21
GENERAL ID : ACRYLIC COPOLYMER
EMULSION

Emergency Phone (Chemtrec) 1-800-424-9300

Informational Phone (Umaco) 1-978-453-8881
Date Prepared: 2 / 3/ 06

2. HAZARDOUS INGREDIENTS/ IDENTITY- SECTION 313 SUPPLIER NOTIFICATION- THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR 372

Non-Hazardous

Hazardous Components	Osha/Pel	Acgih	Other	%
CAS #	Ingredient	TLV	Limits	
Proprietary	Polymer/Solids	None		21.0
Not Required	Individual residual monomers	Not Required		<0.1
7732-18-5	Water	None		<79.0

3. HEALTH HAZARDS IDENTIFICATION (ACUTE & CHRONIC)

Routes of entry: Inhalation: yes Skin: yes Eye: yes Ingestion: yes

Health Hazards (Acute and Chronic):

Acute: Based on test data it is believed that this is a low hazard material. Ingestion may cause gastric upset, pain, diarrhea, lethargy. Inhalation of vapors may result in respiratory irritation and headache.

Chronic: There are no other known chronic effects associated with this material.

Ingestion: n. e. **Inhalation:** May cause irritation to the respiratory tract. **Skin and Eyes:** May cause irritation to the skin

Carcinogenicity: NTP: No **IARC MONOGRAPHS:** no **OSHA REGULATED:** No

Signs and Symptoms of Exposure: Irritation to the eyes and upper respiratory system.

Medical Conditions Generally Aggravated by Exposure: none known

4. EMERGENCY FIRST AID PROCEDURES

Eyes: Flush with clean water for 15 minutes. If irritation persists **Seek immediate medical attention**

Skin: Wash skin with soap and water. If irritation persists **Seek immediate medical attention.**

Inhalation: Remove victim to fresh air away from contamination. **Seek immediate medical attention.**

Ingestion: Do not induce vomiting!! Drink two glasses of water. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Should vomiting occur, be sure to keep victim's head below the hips to prevent aspiration of vomit into the lungs. **Seek immediate medical attention.**

5. FIRE FIGHTING MEASURES

Flash point Noncombustible (Water Solution)

Flammable Limits LEL n/a

Method Used n/a

UEL n/a

Extinguishing Media: Use water, dry extinguishing media, carbon dioxide or foam

Special Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and full protective gear.

Unusual Fire and Explosion Hazards: Polymers will not burn, however, dried polymer films are capable of burning. Material may splatter if temperatures exceed the boiling point (212 Deg. F). After the water is evaporated, decomposition or combustion of the dry solids may generate irritating vapors, monomers, hydrocarbons, CO and CO₂

6. ACCIDENTAL RELEASE MEASURES

Spills should be contained, solidified (with sand, speedy-dry, etc.) and placed in suitable containers for disposal in a licensed facility. Keep spills out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE:

Store in a tightly closed container. Keep from freezing; material may coagulate. Minimum storage temperature is 34 Deg F. Avoid breathing vapors. When handling do not eat, drink or smoke. Avoid contact with skin.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

None usually needed, however if vapor or mist levels are irritating use only NIOSH or MSHA approved respirators

Ventilation: Local exhaust as needed

9. PHYSICAL & CHEMICAL PROPERTIES

Boiling point 212 Deg F **Vapor Pressure (mmHG)** n.e. **Vapor Density <water** **Melting Point** N/A
Evaporation Rate (Butyl Acetate = 1) N/A **Solubility in Water** 100% **Appearance and Odor** Milky white, aqueous dispersion.

10. STABILITY & REACTIVITY

Stability: Unstable Stable X Hazardous Polymerization: Will not occur

Conditions to Avoid: Excessive heat, Keep from Freezing

Incompatibility: Strong oxidizers

Hazardous Decomposition: Thermal decomposition may yield oxides of carbon

11. TOXICOLOGICAL INFORMATION

See sections 2 and 3 for specific toxicological information for ingredients of this product.

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

In accordance to latest Federal, State and Local disposal regulations

14. TRANSPORTATION INFORMATION

Not regulated

15. REGULATIONS

This MSDS has been prepared in accordance with the Federal OSHA Hazard Communication Standard 29CFR 1910.120

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

16. OTHER INFORMATION / SAFETY PHRASES

KEEP OUT OF THE REACH OF CHILDREN.

DO NOT ALLOW TO FREEZE.

Read all instructions before using this product.

Use NIOSH or MSHA approved respirator in dust environments.

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