



Material Safety Data Sheet

1. IDENTIFICATION

PRODUCT NAME: H2-53C-A

CHEMICAL NAME: Anionic emulsion

For emergencies call Chemtrec at 1-800-424-9300

2. HAZARD(S) IDENTIFICATION

Irritating to eyes and skin.

Spills produce extremely slippery surfaces.

HMIS CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0

HMIS RATINGS NOTES:

This information is for people trained in the National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS).

KEY

4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

3. COMPOSITION / INFORMATION ON INGREDIENTS

IDENTIFICATION OF THE PREPARATION: Anionic water-soluble polymer Hazardous characteristics (irritation) were observed only in the product when tested as a whole not in individual components.

4. FIRST-AID MEASURES

EYES: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

SKIN: Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

INGESTION: The product is not considered toxic based on studies on laboratory animals.

INHALATION: Move to fresh air.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water, water spray, foam, carbon dioxide (CO₂), dry powder.

SPECIAL FIRE-FIGHTING PRECAUTIONS: Spills produce extremely slippery surfaces.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: No special protective equipment required.

NFPA CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No special precautions required.

ENVIRONMENTAL PRECAUTIONS: Does not contaminate water.

METHODS FOR CLEANING UP: Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After Cleaning, flush away traces with water.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation. When using, do not smoke.

STORAGE: Keep in a dry, cool place (0 – 30°C. Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

PERSONAL PROTECTION:

EYES AND FACE: Safety glasses with side shields. Do not wear contact lenses.

HAND: Rubber gloves.

SKIN: Chemical resistant apron or protective suit if splashing or contact with solution is likely.

RESPIRATORY: In case of insufficient ventilation wear suitable respiratory equipment.

COMMENTS: Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------------|--|
| FORM: | Viscous liquid |
| COLOR: | Milky |
| ODOR: | Aliphatic |
| PH: | 6 – 8 @ 5 g/l for product series. See Technical Bulletin for specific value. |
| FLASH POINT (OC): | > 100° C |
| AUTOIGNITION TEMPERATURE (OC): | > 200° C |
| VAPOR PRESSURE (MM HG): | 0.002 @ 20° C |
| BULK DENSITY: | See Technical Bulletin |
| WATER SOLUBILITY: | See Technical Bulletin |
| VISCOSITY (MPA S): | See Technical Bulletin |

10. STABILITY AND REACTIVITY

STABLE: Product is stable. No hazardous polymerization will occur.

HAZARDOUS DECOMPOSITION: Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (Nox), carbon oxides.

MATERIALS TO AVOID: Oxidizing agents may cause exothermic reactions.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

ORAL: LD50/oral/rat > 5000 mg/kg

DERMAL: The product is not expected to be toxic in contact with the skin.

INHALATION: The product is not expected to be toxic by inhalation.

IRRITATION

SKIN: Irritating to skin.

EYES: Irritation to eye.

SENSITIZATION: The product is not expected to be sensitizing.

CHRONIC TOXICITY: Prolonged skin contact may defat the skin and produce dermatitis.

12. ECOLOGICAL INFORMATION

FISH: LC50/ Fathead minnows/ 96h > 1000 mg/l

ALGAE: EC50/ 72h/ Phaeodactylum tricornutum > 1000 mg/l

DAPHNIA: LC50/ 48h/ Chaetogrammus marinus = 15 mg/l

BIOACCUMULATION: The product is not expected to bioaccumulate.

PERSISTENCE/DEGRADABILITY: Not readily biodegradable (40% after 28 days).

13. DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES/UNUSED PRODUCTS: In accordance with federal, state and local regulations.

CONTAMINATED PACKAGING: Rinse empty containers with water and use the rinse water to prepare the working solution. Can be land filled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

THIS PRODUCT IS NOT REGULATED BY DOT OR CANADIAN (TDG) transportation regulation.

15. REGULATORY INFORMATION

All components of this product are on the TSCA and DSL inventories.

RCRA status: Not a hazardous waste

Hazardous waste number: Not applicable

Reportable quantity (40 CFR 302): Not applicable

Threshold planning quantity (40 CFR 335): Not applicable

California Proposition 65 Information: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known to the State of California to cause cancer: acrylamide.

16. OTHER INFORMATION**DISCLAIMER:**

We believe that the information in this MSDS is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily either all-inclusive or fully adequate in every circumstance. Also, these suggestions should not be confused with or followed in violation of applicable laws, regulations, rules or insurance requirements.

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