

Safety Data Sheet

Section 1.

CHEMICAL PRODUCT SECTION

Prepared according to 29CFR 1910.1200.

1 Chemical Product and Company Identification

*AMI Chemical Corporation
5142 Hwy. 166 W
Carrollton, GA 30117
Tel: 678-821-3273*

Product Trade Name COAG-EF

CAS Number Not applicable for mixtures.

Synonyms None. **Revision Date:** 04-2014

Generic Chemical Name Mixture.

Product Type Coatings Additive.

Preparation/Revision Date February 20, 2010

Transportation Emergency Phone No.

FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)

MSDS No. 29259554-2321030-2120940-102103

2 Hazards Identification

Appearance Viscous light brown gel.

Odor Mild

Principal Hazards Caution. May cause eye irritation.

See Section 11 for complete health hazard information.

3 Composition/Information on Ingredients

Hazardous Ingredients This material contains no ingredients requiring disclosure under regulatory hazard criteria for this jurisdiction. See Section 11 for additional details.

4 First Aid Measures

Eyes - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

Skin - Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

Inhalation - Remove exposed person to fresh air if adverse effects are observed.

Oral - DO NOT INDUCE VOMITING. Get immediate medical attention.

Additional Information Note to physician: Treat symptomatically.

5 Fire Fighting Measures

Flash Point > 120 °C, 248 °F PMCC (Minimum)

Extinguishing Media CO₂, dry chemical, or foam. Water can be used to cool and protect exposed material.

Firefighting Procedures Wear full protective fire gear including self-containing breathing apparatus operated in the positive pressure mode with full Face piece, coat, pants, gloves and boots. Do not use a water jet. Use water to cool containers exposed to fire.

Unusual Fire & Explosion Hazards Toxic fumes, gases or vapors may evolve on burning.

6 Accidental Release Measures

Spill Procedures Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free gel for

recycle and/or disposal. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information. Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

7 Handling and Storage

Pumping Temperature Not determined.

Maximum Handling Temperature Not determined.

Handling Procedures Keep material away from heat, sparks, pilot lights, static electricity and open flame. Keep containers closed when not in use. Avoid inhalation of dust, aerosol, mist, spray, fume, or vapor. Use with appropriate and adequate ventilation. Avoid contact with eyes, skin and clothing. Product can accumulate static charge when handled. Equipment should be grounded. Take precautionary measures against static discharge. Avoid skin contact. Wash thoroughly after handling. Empty container contains product residue which may exhibit hazards of product.

Maximum Storage Temperature Not determined.

Storage Procedures Keep material away from heat, sparks, pilot lights, static electricity and open flame. Store in well ventilated place. Store in a cool, dry, well-ventilated area. Store away from direct heat source and away from sunlight. Open slowly to control possible pressure release.

Loading Temperature Not determined.

8 Exposure Controls/Personal Protection

Exposure Limits None established

Other Exposure Limits Contains mineral oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg per cubic meter, ACGIH STEL of 10 mg per cubic meter.

Engineering Controls Prevent inhalation by providing effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist, or vapor away from workers.

Gloves Procedures Nitrile.

Eye Protection Safety Glasses.

Respiratory Protection Use NIOSH/MSHA approved respirator with an organic vapor cartridge if exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

Clothing Recommendation Long sleeve shirt is recommended.

9 Physical and Chemical Properties

Flash Point	> 120 °C, 248 °F PMCC (Minimum)
Upper Flammable Limit	Not determined.
Lower Flammable Limit	Not determined.
Autoignition Point	Not determined.
Explosion Data	Material does not have explosive properties.
Vapor Pressure	Not determined.
pH	Not determined.
Specific Gravity	1.07 (15.6 °C)
Bulk Density	Not determined.
Water Solubility	Insoluble.
Percent Solid	Not determined.
Percent Volatile	Not determined.
Volatile Organic Compound	Not determined.
Vapor Density	Not determined.
Evaporation Rate	Not determined.

Odor	Mild
Appearance	Viscous light brown gel.
Viscosity	Not determined.
Odor Threshold	Not determined.
Boiling Point	Not determined.
Pour Point Temperature	Not determined.
Melting / Freezing Point	Not determined.

The above data are typical values and do not constitute a specification. Vapor pressure data are calculated unless otherwise noted.

10 Stability and Reactivity

Stability Material is normally stable at moderately elevated temperatures and pressures.

Decomposition Temperature Not determined.

Incompatibility Acids. Oxidizing agents.

Polymerization Will not occur.

Thermal Decomposition Smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion. Under combustion conditions, oxides of the following elements will be formed: calcium, sulfur.

Conditions to Avoid Not determined.

11 Toxicological Information

-- ACUTE EXPOSURE --

Eye Irritation May cause eye irritation. Does not meet Canadian D2B or EU R36 criteria. Based on data from components or similar materials.

Skin Irritation Not expected to be a primary skin irritant. Based on actual data. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Respiratory Irritation If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials.

Dermal Toxicity The LD50 in rabbits is > 2000 mg/Kg. Based on data from components or similar materials.

Inhalation Toxicity Not determined.

Oral Toxicity The LD50 in rats is > 5000 mg/Kg. Based on data from components or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain.

Dermal Sensitization No data available to indicate product or components may be a skin sensitizer.

Inhalation Sensitization No data available to indicate product or components may be respiratory sensitizers.

-- CHRONIC EXPOSURE --

Chronic Toxicity No data available to indicate product or components present at greater than 1% are chronic health hazards.

Carcinogenicity This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Mutagenicity Not determined.

Reproductive Toxicity Not determined.

Teratogenicity Not determined.

-- ADDITIONAL INFORMATION --

Other No other health hazards known.

12 Ecological Information

-- ENVIRONMENTAL TOXICITY --

Freshwater Fish Toxicity Not determined.

Freshwater Invertebrates Toxicity Not determined.

Algal Inhibition Not determined.

Saltwater Fish Toxicity Not determined.

Saltwater Invertebrates Toxicity Not determined.

Bacteria Toxicity Not determined.

Miscellaneous Toxicity Not determined.

-- ENVIRONMENTAL FATE --

Biodegradation At least 45% of the components in this product show moderate biodegradation based on OECD 301-type test data. At least 25% of the components in this product show limited biodegradation based on OECD 302-type test data.

Bioaccumulation 10 – 25% of the components display no potential to bioconcentrate.

Soil Mobility Not determined.

13 Disposal Considerations

Waste Disposal This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261.

14 Transport Information

ICAO/IATA I Not regulated.

ICAO/IATA II Not regulated.

IMDG Not regulated.

IMDG EMS Fire Not applicable.

IMDG EMS Spill Not applicable.

IMDG MFAG Not applicable.

MARPOL Annex II Not determined.

USCG Compatibility Not determined.

U.S. DOT Bulk Not regulated.

DOT NAERG Not applicable.

U.S. DOT (Intermediate) Not regulated

U.S. DOT Intermediate NAERG Not applicable.

U.S. DOT Non-Bulk Not regulated.

U.S. DOT Non-Bulk NAERG Not applicable.

Canada Not regulated.

Mexico Not regulated.

Bulk Quantity 85000 KG, 187391 lbs.

Intermediate Quantity 11000 KG, 24251 lbs.

Non-Bulk Quantity 400 KG, 882 lbs.

Review classification requirements before shipping materials at elevated temperatures.

15 Regulatory Information

-- Global Chemical Inventories --

USA All components of this material are on the US TSCA Inventory or are exempt.

Other TSCA Reg. None known.

EU All components are in compliance with the EC Seventh amendment Directive 92/32/EEC.

Japan All components are in compliance with the Chemical Substances Control Law of Japan.

Australia All components are in compliance with chemical notification requirements in Australia.

New Zealand May require notification before sale under New Zealand regulations.

Canada All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

Switzerland All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Korea All components are in compliance in Korea.

Philippines All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

China All components of this product are listed on the Inventory of Existing Chemical Substances in China.

-- Other U.S. Federal Regulations --

SARA Ext. Haz. Subst. This product does not contain greater than 1.0% of any chemical substance on the SARA Extremely Hazardous Substances list.

SARA Section 313 This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) of any chemical substances listed under SARA Section 313.

SARA 311 Classifications Acute Hazard No
Chronic Hazard No
Fire Hazard No
Reactivity Hazard No

CERCLA Hazardous Substances None known.

-- State Regulations --

Cal. Prop. 65 This product does not intentionally contain any chemicals known by the State of California to cause cancer and/or birth defects. Moreover, we do not routinely analyze its products for impurities which may be such chemicals.

-- Product Registrations --

U.S. Fuel Registration Not applicable.

Finnish Registration Number Not Registered

Swedish Registration Number Not Registered

Norwegian Registration Number Not Registered

Danish Registration Number 763324

Swiss Registration Number Not Registered

Italian Registration Number Not Registered

-- Other / International --

Miscellaneous Regulatory Information

Not determined.

16 Other Information

US NFPA Codes

Health Fire Reactivity Special

Health = 1 Fire =1 Reactivity = 0

HMIS Codes Health Fire Reactivity = 0 1 0

Precautionary Labels Caution.

- May cause eye irritation.

Revision Indicators Section: 15 California proposition 65. Changed: 29 October 2009

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.