

SAFETY DATA SHEET



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TRANSPORTATION EMERGENCY:

Call Chemtrec: 800-424-9300

1. Product Identification

Product Name: Armor Coat 100

Date Revised: 5/2015

Product Code: AC 100

Chemical Family: Water-based Acrylic Coating

2. Hazards Identification

Potential Health Effects

Eye Contact - Causes irritation with symptoms of reddening, tearing, stinging and swelling.

Skin - Causes irritation with symptoms of reddening, itching, and swelling.

Ingestion - Causes abdominal pain, nausea, and vomiting.

Inhalation - Causes irritation of nose, throat, and lungs - headache - nausea

3. Composition/Information on Ingredients

Weight %	Components	CAS-No.
40.0 MAX	Acrylic polymer	Not Hazardous
8.0 MAX	Titanium dioxide	13463-67-7
37.0 MAX	Calcium carbonate	1317-65-3
1.0 MAX	Ethylene Glycol	107-21-1
14.0 MAX	Water	7732-18-5
00.1 MAX	Ammonia	7664-41-7

4. First Aid Measures

Eye Contact

In case of contact, flush eyes with plenty of lukewarm water. Get medical attention if irritation develops.

Skin Contact

In case of contact, wash affected areas with soap and water. Immediately remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.

Inhalation

If inhaled, remove to fresh air. Get medical attention if irritation develops.

Ingestion

If ingested, do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

5. Fire Fighting Measures

Suitable Extinguishing Media

All extinguishing media are suitable.

Special Fire Fighting Procedures

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize risk of rupture.

Unusual Fire/Explosion Hazards

Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.

6. Accidental Release Measures

Spill and Leak Procedures

Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e.g., dry sand or earth) and collect for proper disposal.

7. Handling and Storage

Storage Temperature:

minimum: 1° C (33.8° F)

maximum: 49° C (120.2° F)

Handling/Storage Precautions

Avoid breathing dust, vapor, or mist. Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use. Protect from freezing.

8. Exposure Controls/Personal Protection

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hand Protection

Permeation resistant gloves.

Eye Protection

Splash proof goggles.

Skin and Body Protection

Wear cloth work clothing including long pants and long-sleeved shirts.

9. Physical and Chemical Properties

Color: White, Gray, or Tan

Freezing Point: 0° C (32° F)

Boiling Point/Range: 100° C (212° F)

Vapor Pressure: 17 mmHg @20° C (68° F)

Flash Point: N/A (Water based product)

10. Stability and Reactivity

Hazardous Reactions

Hazardous polymerization does not occur.

Stability

Stable

Materials to avoid

None known.

11. Transportation Information

Land transport (DOT)

Non - Regulated

Sea transport (IMDG)

Non - Regulated

Air transport (ICAO/IATA)

Non - Regulated

12. Regulatory Information

United States Federal Regulations

OSHA Hazcom Standard Rating: Hazardous

U.S. Toxic Substance Control Act: Listed on the TSCA Inventory.

U.S. EPA CERCLA Hazardous Substances (40 CFR 302):

Included in the regulation but with no data values.

SARA Section 311/312 Hazard Categories: Acute Heath Hazard, Chronic Heath Hazard

U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA TITLE III

Section 313 Toxic Chemicals (40 CFR 372.65 - Supplier Notification Required:

Components

Ethylene glycol (107-21-1)

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