



1. Product and Company Identification

Material name	COMBAT Prime-B	
Version #	04	
Revision date	01-01-2014	
CAS #	Mixture	
Manufacturer	Refractory Anchors, Inc. 9836 S. 219th E. Ave. Broken Arrow, OK 74014 USA 800-331-3270 www.rai-1.com sales@rai-1.com CHEMTREC: 1-800-424-9300 8:00 am - 5:00 pm	Matrix Solutions, Inc. 9836 S. 219th E. Ave. Broken Arrow, OK 74014 USA 800-331-3270 www.endcorrosion.com sales@endcorrosion.com CHEMTREC: 1-800-424-9300 8:00 am - 5:00 pm

2. Hazards Identification

Emergency overview	Irritating to eyes, respiratory system and skin. Corrosive material.
OSHA regulatory status	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Eyes	Irritating to eyes.
Skin	Irritating to skin. Avoid contact with the skin.
Inhalation	Vapors/aerosol spray may irritate the respiratory system.
Ingestion	Health injuries are not known or expected under normal use. Do not ingest.
Potential environmental effects	May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Hazardous components	CAS #	Percent
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	2 - 7

Non-hazardous components	CAS #	Percent
PROPRIETARY INGREDIENTS	N/A	60 - 65
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	10 - 20
AMINOPROPYL MORPHOLINE, 4-	123-00-2	0 - 20

4. First Aid Measures

First aid procedures	
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
General advice	If you feel unwell, seek medical advice (show the label where possible).

5. Fire Fighting Measures

Flammable properties	The product is not flammable. No unusual fire or explosion hazards noted.
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Extinguishing media

Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Fire fighting equipment/instructions

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers. Cool containers exposed to flames with water until well after the fire is out.

Specific methods

In the event of fire, cool tanks with water spray. Use water spray to cool unopened containers.

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Methods for cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Clean surface thoroughly to remove residual contamination. Following product recovery, flush area with water.

Never return spills in original containers for re-use. Soak up with inert absorbent material.

Other information

Soak up with inert absorbent material.

7. Handling and Storage

Handling

Avoid release to the environment. Handle and open container with care.

Storage

Use care in handling/storage.

8. Exposure Controls / Personal Protection

Personal protective equipment

Eye / face protection

Wear goggles/face shield.

Skin protection

Chemical resistant gloves. Wear appropriate chemical resistant clothing.

Respiratory protection

Avoid breathing dust/fume/gas/mist/vapors/spray. If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical & Chemical Properties

Appearance

Liquid.

Physical state

Liquid.

Form

Liquid.

Color

Golden to Light Amber

Odor

Ammoniacal. Amine-like.

Odor threshold

Not available.

pH

Alkaline

Vapor pressure

Not available.

Vapor density

Not available.

Boiling point

Not available.

Melting point/Freezing point

Not available.

Solubility (water)

Partial

Specific gravity

0.95

Relative density

Not available.

Flash point

Not available.

Flammability limits in air, upper, % by volume

Not available.



Flammability limits in air, lower, % by volume Not available.

Auto-ignition temperature Not available.

10. Chemical Stability & Reactivity Information

Chemical stability Stable at normal conditions.

Conditions to avoid Not available.

Incompatible materials Peroxides. Strong oxidizing agents. This product may react with strong acids. This product may react with strong alkalies. Chlorine.

Hazardous decomposition products If product is burned hazardous gases such as oxides of carbon and nitrogen and various hydrocarbons may be produced.

11. Toxicological Information

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Further information This product has no known adverse effect on human health.

12. Ecological Information

Ecotoxicological data

Product

Test Results

SC1100 B (Mixture)

EC50 Daphnia: 32.2776 mg/l 48 hours estimated

LC50 Fish: 42.522 mg/l 96 hours estimated

* Estimates for product may be based on additional component data not shown.

Ecotoxicity Contains a substance which causes risk of hazardous effects to the environment

Environmental effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal

Persistence and degradability Not available.

13. Disposal Considerations

Disposal instructions Do not allow this material to drain into sewers/water supplies. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Waste from residues / unused products Not applicable.

14. Transport Information

DOT

Basic shipping requirements:

UN number 2735

Proper shipping name Amines, Liquid, Corrosive, N.O.S. (Amidoamine)

Hazard class 8

Packing group III

Additional information:

ERG number 153



DOT



15. Regulatory Information

US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2))

Not regulated

DEA Essential Chemical Code Number

Not regulated

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Not regulated

DEA Exempt Chemical Mixtures Code Number

Not regulated

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance

No

Section 311 hazardous chemical

No

Inventory status

Country(s) or region

Inventory name

On inventory (yes/no)*

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Further information

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 2
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 0
Instability: 0



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Issue date

01-12-2011

This data sheet contains changes from the previous version in section(s):

Physical & Chemical Properties: Multiple Properties
Other Information: Disclaimer