

SAFETY DATA SHEET**SECTION I - PRODUCT IDENTIFICATION**

Product Identifier: Vapro 888 S-Kote
Other means of identification: Anti Corrosion Coating
Recommended use: Coating for exterior of large vessels, tanks, bridges, cranes, excavating equipment of all sizes, offshore and land drilling rigs, water tanks and reinforcing bars for concrete
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SECTION II – HAZARDS IDENTIFICATION**GHS CLASSIFICATION:**

None required.

GHS LABEL ELEMENTS SYMBOL(S)

None required.

SIGNAL WORDS:

None required.

GHS HAZARDS STATEMENTS:

None required.

GHS PRECAUTIONARY STATEMENTS:

None required.

RESPONSE:

None required.

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name:</u>	<u>Weight %:</u>	<u>CAS#</u>
Proprietary mixture of Emulsion Copolymer and Corrosion Inhibitor	90	Mixture
water	10	7732-18-5

SECTION IV – FIRST AID MEASURES**Inhalation**

Remove person to an uncontaminated area. Administer oxygen if necessary. If a cough or other respiratory symptoms develop, consult medical personnel. If breathing has stopped, administer CPR.

Skin Contact

Remove contaminated clothing. Wash affected area with soap and water. If redness, itching or a burning sensation develops, get medical attention.

Eye Contact

Immediately flush with plenty of water for at least 15 minutes. Make sure to flush under eyelids. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

Ingestion

DO NOT INDUCE VOMITING. Get immediate medical attention.

SECTION V – FIRE FIGHTING MEASURES

Suitable Fire-extinguishing media

To extinguish combustible residues of this product use water fog, carbon dioxide, dry chemical or foam.

Specific hazards arising from the chemical

Product will not burn until the water has evaporated. Residue can burn. Upon burning, the dry product generates dense black smoke. Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Carbon dioxide. Carbon monoxide. Dense smoke. Organic compounds.

Special protective actions for fire fighters

Firemen should wear self-contained breathing apparatus and protective clothing when fighting chemical fires.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with spilled or released material. Immediately remove all contaminated clothing. For guidance of selection of personal protective equipments see Chapter 8 of this Safety Data Sheet.

Environmental Precautions

Prevent spills from entering drains or sewers and contact with soil.

Methods and materials for contaminated and cleaning up

Recover spilled material if possible. If unable to recover, then proceed with appropriate cleanup methods. Absorb with materials such as: Clay. Sand. Sawdust. Vermiculite. Collect in suitable and properly labeled containers. Water may be used for final cleaning of affected area. Wash water should be disposed of in accordance with local regulations

SECTION VII – HANDLING AND STORAGE

Precautions for safe handling

Do not swallow. Avoid prolonged or repeated skin contact. Wear recommended protective equipment. Use only with adequate ventilation. Wash thoroughly after handling material.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed when not in use. Store between 4.4°C and 43.3°C. May coagulate if frozen at 0°C.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

None established.

Appropriate engineering control measure

Under normal applications, general ventilation is adequate.

Individual protection measure

Protective Gloves

Neoprene or Nitrile gloves.

Eye Protection

Safety glasses with side shields are recommended.

Respiratory Protection

Not required under normal use conditions with good general ventilation. Protect against generated mist/ spray back.

Hygienic Work Practices

Eyewash station and safety shower in work area.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State	Viscous Liquid
Color	Black
Odour	Characteristic
Odour Threshold	Not applicable
pH	9±0.5
Melting Point	Not applicable

Freezing Point	Approx 0°C (Water)
Boiling Point	Approx 100°C (Water)
Flash Point	Not applicable
Evaporation Rate	Similar to water
Flammability (solid, gas)	Not applicable
Upper explosive limit	Not applicable
Lower explosive limit	Not applicable
Vapour Pressure	17.5 mm Hg @ 20°C (Water)
Vapour Density	0.6 (Water vapour)
Relative Density	1.03 g/cm ³ ± 0.05
Solubility	Completely soluble in water
Partition coefficient: n-octanol/water	Not applicable
Viscosity	Free Flowing Liquid
Auto-ignition Temperature	Not applicable

SECTION X – STABILITY & REACTIVITY

Reactivity/Incompatible materials

React with acid and multivalent metal salts, may cause coagulate.

Chemical stability

Stable under normal temperature and pressure.

Possible of hazardous reaction

Data not available.

Conditions to avoid

Can coagulate if frozen. The dry resin is combustible.

Hazardous decomposition products

The smoke may contain unidentified toxic and/or irritating compounds. Combustion products may include and are not limited to: Carbon dioxide. Carbon monoxide. Dense smoke. Organic compounds.

SECTION XI – TOXICOLOGICAL INFORMATION

LD50 (Rat) (Oral): >2000 mg/kg

EYE: May cause slight temporary eye irritation.

SKIN: Brief contact is essentially non irritation to skin. Prolonged contact may cause slight skin irritation with local redness. Product may stick to skin causing irritation upon removal.

INHALATION: With good ventilation, single exposure is not likely to be hazardous. In poor ventilated areas, vapours or mists may accumulate and cause respiratory irritation. Signs and symptoms of excessive exposure may include: Headache. Nausea and/or vomiting.

INGESTION: Low toxicity if swallowed.

Long-term toxicity: None of the components are listed as CMR* (*Carcinogenic, mutagenic or reproductive toxin)

SECTION XII – ECOLOGICAL INFORMATION

Eco-toxicity: Specific ecological testing has not been conducted on this product. However, based upon evaluation of the individual product components, the product is not classified as dangerous to aquatic organisms.

Mobility: No bioconcentration of the polymeric component is expected because of its high molecular weight. Product dispersions will color water a milky white.

Persistence and Degradability: The polymeric component is not expected to biodegrade.

Bio-accumulative Potential: No data.

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State and local environmental regulation.

SECTION XIV – TRANSPORT INFORMATION

Land (as per ADR classification): Not regulated

This material is not classified as dangerous under ADR regulations

IMDG

This material is not classified as dangerous under IMDG regulations

IATA (Country variations may apply)

This material is not classified as dangerous under IATA regulations

SECTION XV – REGULATORY INFORMATION

No information available for this product.

SECTION XVI – OTHER INFORMATION

H.M.I.S rating: Health - 2, Fire – 0, Reactivity – 1, Protection – B

Where

0 = Insignificant

1 = Slight

2 = Moderate

3 = Serious

4 = Severe

A = Safety Glass

B = Safety Glass & Gloves

C = Safety Glass, Gloves & Apron

D = Face Shield, Gloves & Apron

Replaces edition of: 10 March 2016

H.M.I.S: Hazardous Materials Identification System

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: recommended exposure limit

TWA8: The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

N.A: Not applicable

N/E: Not establish

N.D: Not determine

C: Ceiling (The concentration that should not be exceeded during any part of the working exposure).

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