

MATERIAL SAFETY DATA SHEET

Admix SRA 2000

Edition: June 2010

1. IDENTIFICATION

PRODUCT NAME: **Admix SRA 2000**

DESCRIPTION: Shrinkage Reducing Admixture

SUPPLIER / MANUFACTURER:

SODAMCO Qatar: Rayan Road Al Musheireb, P.O. Box 22520- Doha-QATAR
 SODAMCO UAE: Industrial city, ICAD III, P.O. Box 96082 Abu Dhabi – UAE
 Al Quoz industrial area, P.O. Box 31320 Dubai - UAE
 SODAMCO KSA: Bin Abdul Aziz Str., P.O. Box 222 –Jeddah 21411- KSA
 Salahuddin Al Ayoubi Str. Bldg No.5 Riyadh - KSA
 SODAMCO Jordan:Tha'labah al ameli Str., P.O. Box 710844 Amman 11171- JORDAN
 SODAMCO Lebanon: Nahr el-Mot - Beirut- LEBANON
 SODAMCO S.A.L: Main Road, Hosrayel (jbeil), P.O. Box 11-9666- Beirut-LEBANON
 SODAMCO Kuwait: P.O. Box 496 Salmiya 22005 State of Kuwait
 SODAMCO Syria: Kafarsouseh – Damascus Syria
 SODAMCO Muscat: Al Khuwair, P.O.Box 1982 PC 111, CPO, Muscat - OMAN

INFORMATION:

SODAMCO Qatar: 00 974 4 4423816 –SODAMCO UAE: 00971 4 347 2640 - 00971 2 550 9994
 SODAMCO KSA: 00966 12 668 3295 / 966 11 473 8751 – SODAMCO Jordan: 00962 6 4200417 – SODAMCO Lebanon: 00961 70 258 393 – SODAMCO S.AL: 00961 9 790 920
 – SODAMCO Syria: 00963 11 214 5548 – SODAMCO Kuwait: 00965 2 571 6404 – SODAMCO Muscat : 00968 2 439 1914/5

2. COMPOSITION / INGREDIENTS

MIXTURE:

Hazardous constituents:

Substance name	Contents	CAS No	EC No	Index No	Classification
2-Ethylpropane-1,3-diol	> 50%	2612-29-5	220-038-3	---	

Other components: Trade secret

3. HAZARDOUS IDENTIFICATION

Emergency overview: Colorless fluid with a characteristic odor
 WARNING
 May be irritating to the eyes
 This product does not contain any ingredient designated by IARC, NTP or OSHA as probable or suspected human carcinogen

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations

SODAMCO Holding S.A.L. Tayar Center Bloc B 1st Floor De Gaulle Str. P.O.Box 55-44 Beirut Lebanon
 T +961 1 510 863/4 M +961 3 380 748 F +961 1 510 862 sodamco@sodamco.com www.sodamco.com

MATERIAL SAFETY DATA SHEET

Admix SRA 2000

Edition: June 2010

WHMIS (Canada): This material is classified as hazardous under WHMIS regulations

Primary route(s) of entry/exposure: Inhalation

Eyes

Skin

Classification of the product: According to EC regulations, this product is not classified as a "hazardous preparation".

Potential health effects

Inhalation: May induce slight irritating effect

Skin contact: Not irritating

Eye contact: May be irritating to the eyes

Ingestion: Possible nausea, vomiting

4. FIRST-AID MEASURES

Inhalation: Move the affected person away from the contaminated area and into the fresh air

Skin contact: Wash with soap and water

In case of redness or irritation, consult a doctor

Eye contact: Rinse immediately and thoroughly with plenty of water whilst keeping the eyes wide

open (at least 15 minutes).

Consult an eye specialist

Ingestion: Rinse mouth out with water

Never attempt to induce vomiting

If you feel unwell, seek medical advice

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: None to our knowledge. If there is a fire close by, use suitable extinguishing agents

Specific hazards: During combustion

Toxic vapors may be released

Specific fire fighting methods: Contain the extinguishing fluids by bunding

Do not attempt to fight the fire without suitable protective equipment

Cool down the containers/equipment exposed to heat with a water spray

Protection of fire-fighters: Suitable breathing apparatus

Complete protective clothing

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Do not attempt to fight the fire without suitable protective equipment

Avoid contact with skin and eyes

Do not breathe vapours

Ventilate spillage area

Environmental precautions: Contain the spilled material by bunding

Do not discharge into the environment

Methods for cleaning up:

MATERIAL SAFETY DATA SHEET

Admix SRA 2000

Edition: June 2010

- **Neutralization:** Absorb spillage with:
 - sand or inert absorbent
 - diatomaceous earth.
- **Cleaning/decontamination:** Wash non-recoverable remainder with large amounts of water
- **Disposal:** For disposal of contaminated materials refer to section 13: "Disposal consideration"

7. HANDLING AND STORAGE

HANDLING

Technical measures: Ensure good ventilation of the workstation

Precautions: Avoid contact with skin and eyes.
Do not breathe vapors
Do not smoke

STORAGE

Storage conditions:

- **Recommended :**
 - Store: - in a cool, well-ventilated area
 - in dry area
 - the container tightly closed

Packaging materials :

- **Recommended :** Original packaging

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure good ventilation of the workstation

Personal protective equipment:

- **Respiratory protection:** If the ventilation is suitable, it is not necessary to wear respiratory equipment

- **Hand protection:** Protective gloves made of PVC
Neoprene rubber gloves
Breakthrough time: refer to the recommendations of the supplier

- **Eye protection:** Safety spectacles

- **Skin and body protection:** Protective clothing

Hygiene measures: Do not drink, eat or smoke in the workplace
Always wash your hands after handling the product

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form : Liquid
Color : Colorless
Odor : Characteristic
pH : 5 - 10 (20 °C)

Specific temperatures

- Melting : 0 °C
- Boiling : 224 °C

Flammability characteristics

- Flash point : 118 °C
Explosion properties : Not explosive

SODAMCO Holding S.A.L. Tayar Center Bloc B 1st Floor De Gaulle Str. P.O.Box 55-44 Beirut Lebanon
T +961 1 510 863/4 M +961 3 380 748 F +961 1 510 862 sodamco@sodamco.com www.sodamco.com

Lebanon . UAE . Syria . Qatar . KSA . Jordan . Kuwait . Oman

MATERIAL SAFETY DATA SHEET

Admix SRA 2000

Edition: June 2010

Specific gravity : 1.01

Solubility
 - in water : Easily soluble
 Octanol/water partition coefficient : - 0.16 log POW

10. STABILITY AND REACTIVITY

Stability: Stable at ambient temperature and under normal conditions of use

Hazardous reactions

- Hazardous decomposition products: On combustion or on thermal decomposition (following the evaporation of water) releases:
 Carbon oxides (CO, CO₂)
 Various hydrocarbon fragments

11. TOXICOLOGICAL INFORMATION

Local effects : May induce slight irritating effect if inhaled
 May cause eyes irritation
 Sensitization : No sensitizing effects known
 Specific effects:
 - Carcinogenicity : This product does not contain any ingredient designated by IARC, NTP or OSHA as probable or suspected human carcinogen
 - Mutagenicity : Ames test (with and without metabolic activation): negative (published data)

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATION

WASTE FROM PRODUCT:
 Destruction/Disposal: Dispose of in accordance with relevant local regulations

CONTAMINATED PACKAGING:
 Decontamination/cleaning: Empty the packaging completely prior to disposal
 Destruction/disposal: Destroy at an authorized site

NOTE: The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS:
 Land transportation:
 - Rail/road (RID/ADR): Not restricted
 - Road (DoT 49 CFR): Not restricted

SODAMCO Holding S.A.L. Tayar Center Bloc B 1st Floor De Gaulle Str. P.O.Box 55-44 Beirut Lebanon
 T +961 1 510 863/4 M +961 3 380 748 F +961 1 510 862 sodamco@sodamco.com www.sodamco.com

MATERIAL SAFETY DATA SHEET

Admix SRA 2000

Edition: June 2010

- TDG (Canada) Classification:	Not restricted
- Sea (IMO/IMDG):	Not restricted
- Air (ICAO-IATA):	Not restricted

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency.

15. REGULATORY INFORMATION

EC LABELLING

- R phrases: None
- S phrases: None
- Additional phrases: Safety data sheet available for professional user on request

USA

US Toxic Substances Control Act - TSCA: The constituents mentioned in §3 are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

SARA – USA: SARA section 311/312 categorizations: none

CERCLA Hazardous Substance (40CFR Part 302) : None

Canada

Domestic Substance List (DSL): The constituents mentioned in §3 are registered in the DSL (Canada) inventory

WHIMS Classification: D2B (material eye irritant)

16. OTHER INFORMATION

This safety data sheet should be used in conjunction with the product's technical data sheet. It does not replace it. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.