

MATERIAL SAFETY DATA SHEET

*****THIS PRODUCT IS NOT CONTROLLED BY WHMIS*****

SECTION I - PRODUCT IDENTIFICATION

Product identifier: Durex Acrybond 'S'

Chemical name: Water based acrylic emulsion

Product use: Conditioned acrylic adhesion improving additive for cement mixtures

**Supplier name and address:
Information**

Hazard Rating

HMIS Rating

Durabond Products Limited
59 Underwriters Road
Scarborough, Ontario
M1R 3B4

4 - EXTREME	HEALTH - 0
3 - HIGH	FLAMMABILITY - 0
2 - MODERATE	REACTIVITY - 0
1 - SLIGHT	SPECIAL - 0
0 - MINIMUM	

Emergency Telephone #: (613) 996-6666 (CANUTEC)

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u> <u>rat)</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>LC₅₀, ppm</u> <u>(inhalation, rat)</u>	<u>LD₅₀, mg/kg</u> <u>(Oral,</u>
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None

SECTION III - PHYSICAL DATA

Physical state, odour and appearance: Milky white liquid with faint ammonia odour.

Odour threshold: N/Av

Specific gravity (at 25°C): 1.05

Coefficient or water/oil distribution: N/Av

Vapour pressure (mm Hg @ 20°C): N/Av

Boiling point: 105°C

Freezing point: N/Av

pH: N/Av

Vapour density (Air=1.0): N/Av

Evaporation rate (ether=1.0): N/Av

Volatiles, %: 80%

Solubility in water (w/w): Incompletely soluble; forms an emulsion.

SECTION IV - FIRE AND EXPLOSION DATA

Conditions of flammability: Product is not flammable, and will not burn under normal conditions.

Means of extinction: If a fire occurs around this product, use whatever means of extinction are appropriate to the type of fire.

Sensitivity to mechanical impact/static discharge: Not susceptible to static discharge or static discharge.

Flash point (Method): None

Lower/upper flammable limits (% by volume): N/Ap

Auto-ignition temperature: N/Av

Hazardous combustion products: None

SECTION V - REACTIVITY DATA

Stability: Stable. Hazardous polymerization will not occur.

Incompatible materials: Strong acids.

Conditions of reactivity: None known

Hazardous decomposition products: None

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of exposure and acute/chronic effects

Primary routes of entry: Skin contact, eye contact, inhalation, ingestion.

Exposure limits: None established.

Inhalation: Inhalation of large amounts of vapour or spray may cause mild respiratory irritation.

Skin and eyes: May cause mild irritation upon prolonged contact.

Ingestion: Ingestion of large amounts may cause mild gastrointestinal irritation, with nausea and possible vomiting.

Chronic effects: Prolonged or repeated skin contact may cause drying or cracking of the skin.

Carcinogenicity: Not listed as a carcinogen by IARC or ACGIH.

Teratogenicity, mutagenicity, other reproductive effects: None known

Sensitization to material: Product is not known to cause allergies.

Synergistic materials: None known.

SECTION VII - FIRST AID

Inhalation: Remove victim to fresh air. If breathing difficulty does not improve rapidly, get patient to a doctor.

Skin: Wash skin with mild soap and water. Rinse thoroughly. See a doctor if irritation persists.

Eyes: Flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention immediately.

Ingestion: If a large amount is ingested, and if patient is conscious, drink plenty of milk, then induce vomiting. Get medical attention. Never give anything by mouth if patient is unconscious.

SECTION VIII - PREVENTIVE MEASURES

Spill, leak or release: Absorb material absorbent such as rags, sand or vermiculite. Place in containers for disposal.

Waste disposal: Consult federal, provincial and local for allowed means of disposal.

*****PROTECTIVE EQUIPMENT*****

Respiratory protection: None needed for normal use.

Engineering controls: General ventilation is sufficient.

Protective gloves: Gloves or protective clothing are usually not necessary but can be worn if desired.

Eye protection: Eye protection such as goggles may be used but are not necessary.

Other protective equipment: Not normally needed.

*****STORAGE AND HANDLING*****

Handling procedures and equipment: No special precautions are needed. The product should not be allowed to freeze.

Storage requirements: Store in a cool, dry area.

Special shipping instructions: Not regulated according to TDG.

SECTION IX - PREPARATION INFORMATION

Prepared by: Durabond Products Limited

Preparation date: April 2012

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Additional notes or references:

Abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists
HMIS: Hazardous Material Identification System
IARC: International Agency for Research on Cancer
N/Ap: Not applicable
N/Av: Not available
WHMIS: Workplace Hazardous Materials Information System
NIOSH: National Institute for Occupational Safety and Health
TLV: Threshold Limit Value
TWA: Time Weighted Average

References:

1. Van Nostrand Reinhold, Dangerous Properties of Industrial Materials, Seventh Edition, N. Irving Sax.
2. Canadian Centre for Occupational Health and Safety. RTECS (Registry of Toxic Effects) and CHEMINFO databases.
3. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1989-90.
4. International Agency for Research on Cancer Monographs, Supplement 7, 1988.