



ROSCOFLAMEX C26

MSDS No.:7926

MSDS Preparation Date: January 8, 2010

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MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name : **ROSCOFLAMEX C26**

Product Use : Coating - Flame retardant

Chemical Family : Not available.

Supplier's name and address:

Rosco Laboratories Inc.

52 Harbor View Avenue
 Stamford, CT, United States
 06902

24 Hr. Emergency Tel # : (800) 424-9300

HMIS Rating : * - Chronic hazard 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe

Health: * 1 *Flammability:* 0 *Reactivity:* 0

WHMIS Classes:



TOXIC

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS #</u>	<u>% (weight)</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
			<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Water	7732-18-5	10.0 - 30.0	N/Av	N/Av	N/Av	N/Av
Isopropyl alcohol	67-63-0	3.0 - 7.0	200 ppm TWA	400 ppm STEL	400 ppm TWA; 980 mg/m3 TWA	500 ppm STEL; 1225 mg/m3 STEL

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear liquid. Slight odor. No special hazards exist with this product. As with any chemical substance, caution and care will prevent unnecessary accidents and safety problems. Read instructions on label before use.

POTENTIAL HEALTH EFFECTS

Target organs : None known.

Routes of exposure : *Inhalation:* YES *Skin Absorption:* NO *Skin & Eyes:* YES *Ingestion:* YES

Potential acute health effects :

Eyes: Mild eye irritation

Skin: None expected, when used as intended.

Inhalation: None expected, when used as intended.

Ingestion: May cause gastrointestinal discomfort.

Potential chronic health effects

: None reported by the manufacturer.



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Medical conditions aggravated by overexposure

: None known or reported by the manufacturer.

Additional health hazards

: None reported by the manufacturer.

Potential environmental effects

: None reported by the manufacturer.

SECTION 4 - FIRST AID MEASURES

Inhalation

: If inhaled, move to fresh air. If irritation persists, seek prompt medical attention.

Skin contact

: Remove and wash contaminated clothing before re-use. Wash affected areas with soap and water.

Eye contact

: Immediately flush eyes with running water for at least 20 minutes. If irritation persists, seek prompt medical attention.

Ingestion

: Do not induce vomiting without medical advice. Call a physician immediately. Clean mouth with water and drink afterwards plenty of water.

Notes For Physician

: Low degree of toxicity.

SECTION 5 - FIRE FIGHTING MEASURES

Fire hazards/conditions of flammability

: Not flammable under normal conditions of handling. This product will not burn, due to its water content.

Flammability classification (OSHA 29 CFR 1910.1200)

: Not flammable.

Flash point

: Not applicable.

Flash point Method

: Not applicable.

Auto-ignition temperature : Not available.

Lower flammable limit (% by vol.)

: Not applicable.

Upper flammable limit (% by vol.)

: Not applicable.

Suitable extinguishing media

: Does not sustain combustion. Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Explosion data: Sensitivity to mechanical impact / static discharge

: Not expected to be sensitive to mechanical impact or static discharge.

Special fire-fighting procedures/equipment

: Do not breathe fumes and gases. Firefighters should wear full-face, self-contained breathing apparatus (MSHA / NIOSH approved or the equivalent) and impervious clothing.

Hazardous combustion products

: None known or reported by the manufacturer.

Oxidizing properties

: None known or reported by the manufacturer.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions

: Caution! Spilled material may be slippery. Use care to avoid falling. Wear suitable protective clothing (see Section 8).

Environmental precautions

: Ensure spilled product does not enter drains, sewers, waterways, or confined spaces. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply.

Spill response/cleanup

: Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13). Water spray: Dilute with water. Flush any residue in the spill area with water. Dispose of rinse water in accordance with local and national regulations.

Containment

: Transfer liquid to containers for recovery or disposal. Dispose of in accordance with local regulations.

SECTION 7 - HANDLING AND STORAGE



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- Safe Handling procedures** : Use and store in a cool, dry, well-ventilated area. Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Do not ingest. Keep containers closed when not in use.
- Storage requirements** : Store in a cool, dry, well-ventilated area. Inspect periodically for damage or leaks. Do not freeze.
- Incompatible materials** : Strong oxidizing agents
- Special packaging materials** : Liquid-proof glass, plastic or non-corrodible metal containers are recommended.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering measures

- : Local exhaust is preferable. Use with adequate ventilation. Provide adequate cross air circulation. Ensure fresh air during application and drying (for example, by opening all windows and doors or using mechanical ventilation).

Respiratory protection : None required under normal conditions.

Skin protection : Gloves impervious to the material are recommended.

Eye / face protection : Use safety goggles. If splashing is anticipated, splash goggles and a face shield are recommended.

Other protective equipment : Emergency showers and eyewash facilities should be nearby.

General hygiene considerations

- : Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|--|--|
| Physical state : Liquid. | Appearance : Clear liquid. |
| Odor : Slight. | Odor threshold : Not available. |
| pH : Not available. | |
| Boiling point : 99 - 100 °C | Specific gravity : 1.30 |
| Melting/Freezing point : -4 - 0 °C | Coefficient of water/oil distribution : Not available. |
| Vapor pressure (mmHg @ 20° C / 68° F) : Not available. | Solubility in water : Appreciable. (10.0 - 99.9%) |
| Vapor density (Air = 1) : Not available. | Evaporation rate (n-Butyl acetate = 1) : Not available. |
| Volatile organic Compounds (VOC's) (lbs/gal;g/l) : 0.52 lbs/gal | Volatiles (% by weight) : Not available. |
| Viscosity : Not available. | |
- Special Remarks On Fire Hazards** : Not flammable under normal conditions of use.

SECTION 10 - REACTIVITY AND STABILITY DATA

- Stability and reactivity** : Stable under normal conditions.
- Hazardous polymerization** : Will not occur.
- Conditions to avoid** : Not applicable.
- Materials To Avoid And Incompatibility** : Strong oxidizing agents
- Hazardous decomposition products** : None reported by the manufacturer.

SECTION 11 - TOXICOLOGICAL INFORMATION



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<u>Ingredients</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>oral</u>	<u>dermal</u>
Water	N/Av	N/Av	N/Av
Isopropyl alcohol	17,000 ppm	3600 mg/kg (mouse)	12,890 mg/kg

- Toxicological data** : Low order of toxicity for normal industrial handling.
- Carcinogenic status** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.
- Reproductive effects** : Not expected to have other reproductive effects.
- Teratogenicity** : Not expected to be a teratogen.
- Mutagenicity** : Not expected to be mutagenic in humans.
- Reproductive Effects** : Not expected to have other reproductive effects.
- Irritancy** : None expected, when used as intended.
- Sensitization to material** : Contains a chemical or chemicals which may cause skin sensitization. This product contains: Isopropyl alcohol
- Synergistic materials** : None reported by the manufacturer.

SECTION 12 - ECOLOGICAL INFORMATION

- Environmental effects** : None known or reported by the manufacturer. However, it is recommended not to allow the material to enter the environment.
- Important environmental characteristics** : None known or reported by the manufacturer.
- Ecotoxicological** : No data is available on the product itself.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Handling for Disposal** : See Section 7 (Handling and Storage) section for further details.
- Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

SECTION 14 - TRANSPORTATION INFORMATION

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None	Not regulated.	Not regulated	-None-	
TDG Additional information	None.				
49CFR/DOT	None	Not regulated.	Not regulated	-None-	
49CFR/DOT Additional information	None.				
ICAO/IATA	None	Not regulated.	Not regulated	-None-	
ICAO/IATA Additional information	None.				



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IMDG	None	Not regulated.	Not regulated	-None-	
IMDG Additional information	None.				

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.
 SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This product may be subject to SARA notification requirements, since it contains Toxic Chemical constituents above their de minimus concentrations. This product contains: Isopropyl alcohol.

US State Right to Know Laws:

California Proposition 65: To the best of our knowledge, this product does not contain any chemicals known to the State of California to cause cancer or reproductive harm.

Canadian Regulations:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).
 Canadian WHMIS Classification: D2B.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

SECTION 16 - OTHER INFORMATION

- Legend** : ACGIH: American Conference of Governmental Industrial Hygienists
 IARC: International Agency for Research on Cancer
 N/Ap: not applicable
 N/Av: not available
 NIOSH: National Institute of Occupational Safety and Health
 NTP: National Toxicology Program
 OSHA: Occupational Safety and Health Administration
- References** : Information obtained from sources including original supplier's Material Safety Data Sheet, and references including RTECS and CCOHS Cheminfo.

<p>Prepared for: Rosco Laboratories Inc. 52 Harbor View Avenue Stamford, CT, USA, 06902 Phone: (203) 708 8900 http://http://www.rosco.com/</p>	
<p>Prepared by: ICC The Compliance Center Inc. Canada: 1-888-977-4834 USA: 1-888-442-9628 http://www.thecompliancecenter.com</p>	

DISCLAIMER OF LIABILITY

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