

# 40-40A WHITE AND PASTEL TINTS

Revision Date: 2013/04/08

## Section 1: PRODUCT INFORMATION

**Chemical family:** Mixture.

**Product uses:** Fire retardant top coat.

**Product name:** 40-40A WHITE AND PASTEL TINTS.

**Manufacturer:** Flame Control Coatings Inc.  
4120 Hyde Park Blvd.,  
P.O.Box 786  
Niagara Falls, New York, 14305.

**Manufacturer emergency phone number:** 800-535-5053

**Supplier:** Same as manufacturer.

**TDG classification:** Not regulated.

**WHMIS classification:**

D2A



**DSL status:** The substance(s) which appear in section 2 with CAS numbers appear on the Domestic Substances List.

**Supplier MSDS date:** 2013/04/04.

## Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingrédient	V.L.E.	DL/50	CL/50
112-07-2	0.1-1.0	ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	20 PPM	2400 MG/KG RAT ORAL 3200 MG/KG MOUSE ORAL 1500 MG/KG RABBIT DERMAL	NOT AVAILABLE
124-68-5	0.1-1.0	AMINO-METHYL-PROPANOL	NOT AVAILABLE	2900 MG/KG RAT ORAL 2150 MG/KG MOUSE ORAL	NOT AVAILABLE
1317-65-3	5-10	CALCIUM CARBONATE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
13463-67-7	15-40	TITANIUM DIOXIDE	10 MG/M3	NOT AVAILABLE	NOT AVAILABLE
57-55-6	5-10	1,2-PROPANEDIOL	NOT AVAILABLE	20,000 MG/KG RAT ORAL 20,300 MG/KG MOUSE ORAL 18,500 MG/KG RABBIT ORAL 20,800 MG/KG RABBIT DERMAL	NOT AVAILABLE

## Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).

CAS# 1317-65-3: TLV 15 mg/m3.

### Section 3: PHYSICAL DATA

**Physical state:** Liquid.

**Appearance & odor:** White  
Mild odour.  
Pigmented.  
Pastel.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not available.

**Vapour density (air=1):** > 1.

#### Volatiles (%)

**By volume:** 60%

**Evaporation rate  
(butyl acetate = 1):** < 1.

**Boiling point (°C):** > 100°C.

**Freezing point (°C):** Not available.

**pH:** 8–11.5.

**Specific gravity @ 20 °C:** 1.25–1.35.

**Solubility in water (%):** Dilutable.

**Coefficient of water\oil dist.:** Not available.

**VOC:** (material).  
91 g/l.

### Section 4: FIRE & EXPLOSION DATA

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Dry chemical.  
Water  
Carbon dioxide.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature (°C):** Not available.

**Flash point (°C), method:** Not applicable.

**Lower flammability  
limit (% vol):** Not available.

**Upper flammability  
limit (% vol):** Not available.

#### Explosion Data

**Sensitivity to static discharge:** None

**Sensitivity to mechanical impact:** None

**Hazardous combustion products:** Carbon monoxide (CO).  
Carbon dioxide (CO<sub>2</sub>).

**Explosive power:** Temperatures > 212F (100C).  
Product will burn in a fire.

#### Section 5: REACTIVITY DATA

**Chemical stability:** Product is stable.

**Conditions of instability:** Keep from freezing.  
Elevated temperatures.

**Hazardous polymerization:** Will not occur.

**Incompatible substances:** None known.

**Hazardous decomposition products:** None known.

#### Section 6: TOXICOLOGICAL PROPERTIES

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

##### Effects of acute exposure

**Eye contact:** May cause mild irritation.  
May cause blurred vision.

**Skin contact:** Transient irritation.  
Redness.

**Inhalation:** May cause mild respiratory irritation.

**Ingestion:** May cause mild gastrointestinal irritation.

**Effects of chronic exposure:** May cause irritation of eyes, nose and throat.

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available.

**Exposure limit of material:** Not available for mixture, see the ingredients section.

**Sensitization to product:** No

**Carcinogenic effects:** Possible.

**Reproductive effects:** Not available.

**Teratogenicity:** No

**Mutagenicity:** No

**Synergistic materials:** No

#### Section 7: PREVENTATIVE MEASURES

##### Precautionary Measures

**Gloves/Type:**



Nitrile rubber gloves.

**Respiratory/Type:** Not necessary, if adequate ventilation provided.  
NIOSH approved respirator with organic vapor cartridge is required if ventilation is inadequate or exposure limits are exceeded.

**Eye/Type:**



Splash proof chemical goggles.  
Chemical safety glasses.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Long sleeve shirt, long trousers.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust and/or general ventilation.

**Leak/Spill:** Absorb with inert material.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Store in closed metal containers until disposal.

**Waste disposal:** Dispose in accordance with local, provincial/state, and federal regulations.

**Handling procedures and equipment:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wash thoroughly after handling.  
Avoid contact with skin, eyes and clothing.  
Launder contaminated clothing prior to reuse.

**Storage requirements:** Store in a cool and well ventilated area.  
Keep out of direct sunlight.  
Keep away from heat, and ignition sources.  
Store between 4.4 – 37.7°C (40 – 100°F).  
Protect from frost.

**TDG classification:** Not regulated.

**Special shipping information:** Not regulated.

## Section 8: FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
Remove contaminated clothing.  
If irritation occurs, consult a physician.

**Eye contact:** Obtain medical attention.  
Flush with water for at least 15 minutes.

**Inhalation:** Remove victim to fresh air.  
If breathing is difficult, obtain immediate medical attention.

**Ingestion:** Do not induce vomiting, seek medical attention.  
Never give anything by mouth to an unconscious person.  
If conscious, give 3–4 glasses of water or milk.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

**Note to physician:** Treat symptomatically.

<b>Section 9: ADDITIONAL INFORMATION</b>
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**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

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