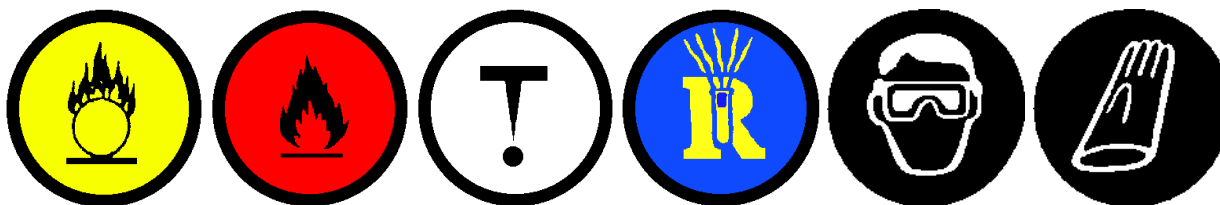


BPO PASTE, RED/WHITE/COLORLESS CURING AGENT

Product: 124.630

Revision Date: 2009/05/15



Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Product uses: Curing agent for polyester filler and polyester resin.

Supplier: Same as manufacturer.

Manufacturer: Carsystems Inc.
165, Graveline
St-Laurent, Quebec
H4T 1R3.

Manufacturer emergency phone number: Canutec 613-996-6666.

TDG classification: ORGANIC PEROXIDE TYPE B, SOLID (benzoyl peroxide)
UN3102
Class 5.2 (1)
PG II.

WHMIS classification: B3, C, F, D2B.

DSL status: The substance(s) listed in section 2 appear on the Domestic Substances List.

Revision details: Updated MSDS.

Supplier MSDS date: 2009/05/15

Information phone number: 905-542-2300.

Fire: 2

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
84-69-5	0.0-31.0	DIISOBUTYL PHTHALATE	NOT AVAILABLE	15,000 MG/KG RAT ORAL 10,000 MG/KG MOUSE ORAL	NOT AVAILABLE
94-36-0	49.5-51.0	BENZOYL PEROXIDE	5 MG/M3	6400 MG/KG RAT ORAL 1200 MG/KG MOUSE ORAL	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

CAS# 94-36-0:LD50 > 5000 mg/kg – rat oral.

CAS# 94-36-0:LC50 24.3 mg/kg/4hr – rat.

Section 3: PHYSICAL DATA

- Physical state:** Semi-solid (paste).
- Appearance & odor:** Noticeable odor.
Red/white or colorless.
- Odor threshold (ppm):** Not available.
- Vapour pressure (mmHg):** Not available.
- Vapour density (air=1):** Not available.
- Volatiles (%)**
- By volume:** Not available.
- Evaporation rate (butyl acetate = 1):** Not available.
- Boiling point (°C):** Not available.
- pH:** Slightly acidic.
- Specific gravity @ 20 °C:** (density).
1.15 g/cm³
- Solubility in water (%):** Insoluble.
- Coefficient of water\oil dist.:** Not available.
- Melting point (°C):** – 10
- solids by weight:** Not available.

Section 4: FIRE & EXPLOSION DATA

- Flammability:** Oxidizer.
- Conditions of flammability:** Product is a strong oxidizer and may ignite oxidizable substances.
In contact with incompatible substances.
Exposure to an ignition source.
Oxidizing agent: may accelerate combustion.
Heat, sparks and open flames.
- Extinguishing media:** Foam
Carbon dioxide.
Water spray.
Do not use halons.
Use water spray.
- Special procedures:** Firefighters should wear the usual protective gear.
Use water to cool exposed containers.
Wear a self contained breathing apparatus.
- Auto-ignition temperature (°C):** Not available.
- Flash point (°C), method:** > 50
- Lower flammability limit (% vol):** Not applicable.
- Upper flammability limit (% vol):** Not applicable.

Explosion Data

- Sensitivity to static discharge:** High sensitivity to static discharge.
- Sensitivity to mechanical impact:** Yes
- Hazardous combustion products:** Oxides of carbon (CO, CO₂).
Benzene.
Benzoic acid.
Phenyl benzoate.
Biphenyls.
Terphenyls.
- Explosive power:** Explosion hazard when in contact with incompatible substances.
Will explode if exposed to heat, shock or friction.

Section 5: REACTIVITY DATA

- Chemical stability:** Product is stable under normal handling and storage conditions.
- Conditions of instability:** Heat, flame, shock.
All ignition sources.
Direct sunlight.
Avoid static discharge and friction.
- Hazardous polymerization:** Not available.

Compatibility With Other Substances

- Incompatible substances:** Amines.
Reducing agents.
Combustible materials.
Heavy metal compounds.
Accelerators.
Rust
Acids and bases.
Cobalt.
Dirt
Reducers.
- Hazardous decomposition products:** See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES
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- Route of entry:** Skin contact, eye contact, inhalation and ingestion.
- Eye contact:** Moderate irritation.
- Skin contact:** May cause an allergic skin reaction.
May cause irritation.
- Inhalation:** Nose and throat irritation.
- Ingestion:** May be harmful if swallowed.
Abdominal pain.
May cause nausea and vomiting.
- Effects of chronic exposure:** Prolonged contact can cause dermatitis.

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

LC50 of product, species & route: See section 2A.

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

Sensitization to product: May cause skin sensitization.

Carcinogenic effects: None listed.

Reproductive effects: None known.

Teratogenicity: None known.

Mutagenicity: None known.

Synergistic materials: None known.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

Gloves/Type: Rubber or PVC.
A barrier cream.

Respiratory/Type: NIOSH approved respirator, if necessary.

Eye/Type: Splash proof chemical goggles.

Footwear/Type: Safety shoes per local regulations.

Clothing/Type: As required to prevent skin contact.

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

Ventilation requirements: Explosion proof ventilation.

Leak/Spill: Eliminate all sources of ignition.
Evacuate all non-essential personnel.
Prevent entry into drains, sewers, and other waterways.
Stop leak if without risk.
Ventilate area.
Wear appropriate protective equipment.
Ground handling equipment.
Collect in containers and keep loosely covered.
Take up in a polyethylene shovel.
Collect in containers and keep loosely covered.

Waste disposal: In accordance with municipal, provincial and federal regulations.
Do not dispose with domestic waste.

Handling procedures and equipment: Avoid eating and drinking during use.
Handle and open container with care.
Protect against physical damage.
Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wear personal protective equipment appropriate to task.
Wash clothing before re-use.
Wash thoroughly after handling.
Empty containers containing residue may cause a hazard.
Keep out of reach of children.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Do not eat, drink or smoke in handling area.
Do not mix with reducers or accelerators.

Storage requirements: Store away from incompatible materials.
Keep out of direct sunlight.
Keep away from ignition sources.
Keep containers tightly closed.
Store in original container.
Store in a cool, dry and well ventilated area.
Avoid storing container in a confined area.
Store away from food, drink and animal feed.
Inspect periodically for damage.

Special shipping information: See transportation information.

Section 8: FIRST AID MEASURES

Skin contact: Obtain medical attention.
Remove contaminated clothing and wash with clean water and soap for at least 15 minutes.

Eye contact: Flush with water for at least 15 minutes.
Get medical attention immediately.

Inhalation: Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.

Ingestion: Get medical attention immediately.
Do not induce vomiting.

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.

Section 9: ADDITIONAL INFORMATION

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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