



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

This SDS adheres to the standards and regulatory requirements of Canada and may not meet the regulatory requirements in other countries.

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DuPont™ Joint Adhesive 2.0 Component B
MSDS Number : 150000004231

Product Use : Adhesives

Manufacturer : DuPont
Building Innovations
974 Centre Road
Wilmington, Delaware 19805

Product Information : 1-302-774-1000
Medical Emergency : 1-800-441-3637 (outside the U.S. 1-302-774-1139)

Other information : professional use

SECTION 2. HAZARDS IDENTIFICATION

Potential Health Effects

Skin

Dibenzoyl peroxide : May cause skin irritation. May cause: Discomfort, itching, redness, or swelling., May cause sensitisation of susceptible persons by skin contact., May cause allergic skin reaction with itching, rash, or swelling..

Eyes

Dibenzoyl peroxide : Causes eye irritation. May cause: Pain, tearing, swelling, redness, or temporary visual impairment..

Carcinogenicity

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**DuPont™ Joint Adhesive 2.0 Component B**

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

Component	CAS-No.	Concentration
Mixture of Benzoate Esters		75 - 95 %
Dibenzoyl peroxide	94-36-0	0 - 4 %

SECTION 4. FIRST AID MEASURES

- Skin contact : Wash off immediately with soap and plenty of water.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Keep eye wide open while rinsing.
- Inhalation : Remove from exposure, lie down. Consult a physician after significant exposure.
- Ingestion : Clean mouth with water and drink afterwards plenty of water. Ingest activated charcoal. Do not induce vomiting without medical advice.
- General advice : Never give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES

- Flammable Properties
- Flash point : > 100 °C (> 212 °F) closed cup
- Thermal decomposition : 103 °C (217 °F)
- Fire and Explosion Hazard : Hazardous combustion products
Carbon monoxide Carbon dioxide (CO₂)
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

Firefighting Instructions : Wear self-contained breathing apparatus and protective suit. Evacuate personnel and keep upwind of fire. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

- Safeguards (Personnel) : Ensure adequate ventilation. Remove all sources of ignition.
- Spill Cleanup : Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean with detergents. Avoid solvents.
- Accidental Release Measures : Prevent product from entering drains.

SECTION 7. HANDLING AND STORAGE

- Handling (Personnel) : Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Avoid contact with skin and eyes. Use only in well-ventilated areas. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs. Wash contaminated clothing before re-use.
- Handling (Physical Aspects) : Keep product and empty container away from heat and sources of ignition. When using do not smoke.
- Storage : Keep tightly closed in a dry, cool and well-ventilated place. No materials to be especially mentioned.
- Storage period : <= 24 Months
- Storage temperature : 13 - 24 °C (55 - 75 °F)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls : Use sufficient ventilation to keep employee exposure below recommended limits.



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Additional protection: Rubber gloves

Eye protection : Safety glasses

Exposure Guidelines

Exposure Limit Values

Dibenzoyl peroxide			
TLV	(ACGIH)	5 mg/m3	TWA
Vinyl acetate			
TLV	(ACGIH)	10 ppm	TWA
TLV	(ACGIH)	15 ppm	STEL
AEL *	(DUPONT)	5 ppm	8 & 12 hr. TWA
AEL *	(DUPONT)	10 ppm	15 minute TWA

* AEL is DuPont's Acceptable Exposure Limit. Where governmentally imposed occupational exposure limits which are lower than the AEL are in effect, such limits shall take precedence.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid, oily
Color	: light yellow
Odor	: slight
Boiling point	: 340 °C (644 °F)
Vapour Pressure	: 1.3 hPa
Density	: 1.16 - 1.18 g/cm3
Specific gravity	: 1.16 - 1.18
Water solubility	: slightly soluble
Vapour density	: 9.6
	(Air = 1.0)

**DuPont™ Joint Adhesive 2.0 Component B**

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Heat
Incompatibility	: Strong oxidizing agents
Hazardous decomposition products	: Carbon dioxide (CO ₂), Carbon monoxide To avoid thermal decomposition, do not overheat.
Hazardous reactions	: Decomposes on heating.

SECTION 11. TOXICOLOGICAL INFORMATION

Mixture of Benzoate Esters	
Dermal LD50	: > 2,000 mg/kg , Rat Information given is based on data obtained from similar substances.
Oral LD50	: 4,190 mg/kg , Rat Information given is based on data obtained from similar substances.
Inhalation 4 h LC50	: > 200 mg/l , Rat Information given is based on data obtained from similar substances.
Skin irritation	: No skin irritation, Rabbit Information given is based on data obtained from similar substances.
Eye irritation	: No eye irritation, Rabbit Information given is based on data obtained from similar substances.
Skin sensitization	: Does not cause skin sensitisation., Guinea pig Information given is based on data obtained from similar substances.
Repeated dose toxicity	: Ingestion Rat 90 d No toxicological effects warranting significant target organ toxicity classification were seen below the recommended guidance values for classification., Information given is based on data obtained from similar substances.



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

- Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Evidence suggests this substance does not cause genetic damage in animals.
Information given is based on data obtained from similar substances.
- Reproductive toxicity : No toxicity to reproduction
Animal testing showed no reproductive toxicity.
No effects on or via lactation
Information given is based on data obtained from similar substances.
- Teratogenicity : Evidence suggests the substance is not a developmental toxin in animals.
Information given is based on data obtained from similar substances.

Dibenzoyl peroxide

- Oral LD50 : > 5,000 mg/kg , Rat
- Inhalation 4 h LC50 : > 24.3 mg/l , Rat
Central nervous system effects
Respiratory effects
eye effects
- Skin irritation : No skin irritation, Rabbit
- Eye irritation : Eye irritation, Rabbit
- Skin sensitization : The product is a skin sensitiser, sub-category 1A., Mouse
- Repeated dose toxicity : Oral
Rat

No toxicologically significant effects were found.
- Carcinogenicity : Not classifiable as a human carcinogen.
Overall weight of evidence indicates that the substance is not carcinogenic.
- Mutagenicity : Animal testing did not show any mutagenic effects.
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
- Reproductive toxicity : No toxicity to reproduction
Evidence suggests the substance is not a reproductive toxin in


DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

animals.

Teratogenicity : Evidence suggests the substance is not a developmental toxin in animals.

SECTION 12. ECOLOGICAL INFORMATION
Aquatic Toxicity
Mixture of Benzoate Esters

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 2.9 mg/l OECD Test Guideline 203
Information given is based on data obtained from similar substances.

72 h ErC50 : Pseudokirchneriella subcapitata (green algae) 10.94 mg/l OECD Test Guideline 201
Information given is based on data obtained from similar substances.

72 h NOEC : Pseudokirchneriella subcapitata (green algae) 2.2 mg/l OECD Test Guideline 201
Information given is based on data obtained from similar substances.

48 h EC50 : Daphnia magna (Water flea) 6.7 mg/l OECD Test Guideline 202
Information given is based on data obtained from similar substances.

Dibenzoyl peroxide

96 h LC50 : Oncorhynchus mykiss (rainbow trout) 0.602 mg/l OECD Test Guideline 203

72 h ErC50 : Pseudokirchneriella subcapitata (green algae) 0.711 mg/l OECD Test Guideline 201

72 h NOEC : Pseudokirchneriella subcapitata (green algae) 0.02 mg/l OECD Test Guideline 201

48 h EC50 : Daphnia magna (Water flea) 0.11 mg/l OECD Test Guideline 202

Environmental Fate
Mixture of Benzoate Esters

Biodegradability : Biodegradable OECD Test Guideline 301
Information given is based on data obtained from similar substances.



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

Bioaccumulation : Bioaccumulation is unlikely.
Information given is based on data obtained from similar substances.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal : Do not dispose of waste into sewer. Dispose of as special waste in compliance with local and national regulations.

Environmental Hazards : If recycling is not practicable, dispose of in compliance with local regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated by TDG when transported solely on land by road or railway vehicle.

SECTION 15. REGULATORY INFORMATION

DSL : All components of this product are on the Canadian DSL

WHMIS Classification : C - Oxidizing Material
D2B - Toxic Material Causing Other Toxic Effects
F - Dangerously Reactive Material
Moderate eye irritant

SECTION 16. OTHER INFORMATION

MSDS preparation date : 10/01/2015

Restrictions for use : Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract that is consistent with DuPont policy regarding medical applications and



DuPont™ Joint Adhesive 2.0 Component B

Version 3.0

Revision Date 10/01/2015

Ref. 150000004231

expressly acknowledges the contemplated use. For further information, please contact your DuPont representative. You may also request a copy of the DuPont POLICY Regarding Medical Applications and DuPont CAUTION Regarding Medical Applications.

Before use read DuPont's safety information.

® Registered trademark of E.I. du Pont de Nemours and Company

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.