

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Polymerization initiator

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Chemical Manufacturer /
Importer / Distributor: ITW Evercoat
a division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, OH 45242
513-489-7600

Emergency phone number: CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols:



GHS Classification: Skin Sensitisation Category 1
Serious Eye Damage/Eye Irritation Category 2A

GHS Signal Word: Warning

GHS Hazard Statements: May cause an allergic skin reaction.
Causes serious eye irritation.

GHS Precautionary Statements:

Safety Precautions: Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.

First Aid Measures:

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Hazards not otherwise classified:

May cause dermatitis, asthmatic effects, testicular atrophy.

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Benzoyl Peroxide	94-36-0	7 - 15
Glycidyl Ether of C12-C14 Alcohol	68609-97-2	5 - 10

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Eye Contact: Flush eyes gently with water for at least 15 minutes, lifting upper & lower eye lids. Seek immediate medical attention.

Skin Contact: Remove contaminated clothing and continue flushing with water. Wash affected area thoroughly with soap and water. Seek medical advice if symptoms persist Wash clothing before reuse.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. If breathing becomes labored or other symptoms develop, seek medical attention at once.

Ingestion: Call a physician or poison control center immediately. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms/effects, acute and delayed:

Most important symptoms/effects (Acute): No data available

Most important symptoms/effects (Delayed): No data available

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Regular foam Carbon dioxide Dry chemical

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Fire and/or Explosion Hazards:	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide, Styrene oxide, Phthalic anhydride, Hydrocarbons
Special protective equipment and precautions for fire-fighters:	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Material is easily ignited if allowed to dry. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat. Wear a self contained breathing apparatus (NIOSH approved) with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures: No data.

Methods and materials for containment and cleaning up: Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Activate available exhaust ventilation equipment in the immediate spill area. All personnel in the area should be protected as in Section 8. Avoid breathing vapors. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Spilled material not immediately cleaned up may increase the fire hazard due to evaporation of water away from the benzoyl peroxide. Spilled material not cleaned up immediately should be wetted with water prior to transfer into

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

disposal container.

7. Handling and storage

Precautions for safe handling: All hazard precautions given in the data sheet must be observed. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not take internally. Keep container closed when not in use. Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in a cool dry place. Isolate from incompatible materials. Store in a cool dry place For maximum product quality, avoid prolonged storage at temperatures above 75 °F (25 °C). Keep away from heat, sparks, and flame Store in a tightly closed container Avoid contact with incompatible materials.

Materials to Avoid/Chemical Incompatibility: Dimethylanine Cobalt napthenate and other promoters, Accelerators Reducing agents Hot materials

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Benzoyl Peroxide	5 mg/m ³	5 mg/m ³	No data available

Appropriate engineering controls: No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion proof exhaust ventilation should be used.

Individual protection measures, such as personal protective equipment:

Eye Protection: Splash proof chemical goggles are recommended to protect against the splash of product.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots

Respiratory Protection: No respiratory protection required under normal conditions of use.

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

Other Protective Equipment: Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors. Splash proof chemical goggles are recommended to protect against the splash of product. Protective gloves and proper clothing should be worn to prevent skin contact. Gloves should be made of neoprene or natural rubber. To prevent repeated or prolonged skin contact, wear impervious clothing and boots

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state): Paste

Color: Red

Odor: Ester-like

Odor threshold: No data available

pH: Neutral

Melting Point/Freezing Point (°C): No data available

Initial Boiling Point and Boiling Range (°C): No data available

Flash Point (°C): No data available

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits:

Upper Flammable/Explosive Limit (%): No data available

Lower Flammable/Explosive Limit (%): No data available

Vapor Pressure: No data available

Vapor Density: Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.

Relative Density: 1

Solubility(ies): Negligible; 0-1%

Partition coefficient: n-octanol/water: No data available

Auto-ignition Temperature (°C): No data available

Decomposition Temperature: No data available

Viscosity: No data available

10. Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal conditions. unless exposed to heat,

Possibility of hazardous reactions: No data available

Conditions to avoid (e.g., static discharge, shock, or vibration): No data available

Incompatible materials: Dimethylanine Cobalt napthenate and other promoters, Accelerators Reducing agents Hot materials

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

Hazardous decomposition products: Flammable products Benzoic acid Benzene Carbon dioxide Terphenyls Biphenyls

11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Skin contact, Eye contact, Ingestion, Absorption

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: No data available No hazard in normal industrial use.

Skin Contact: No data available

Skin Absorption: Contact with skin can cause irritation, (minor itching, burning and /or redness), Dermatitis, Defatting may be readily absorbed through the skin.

Eye Contact: No data available Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.

Ingestion Irritation: No data available Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Harmful if swallowed. Human systemic effects by ingestion: changes in structure or function of esophagus, nausea, or vomiting, and other gastrointestinal effects.

Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Benzoyl Peroxide	Oral LD50 Rat 7710 mg/kg		

Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available	N	N	N

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): This material is not expected to be harmful to the ecology. This material is toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.

Persistence and degradability: No data available

Bioaccumulative potential: No data

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Description of waste residues: Spent or discarded material may be a hazardous waste.

Safe Handling of Waste: Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.

14. Transport information

UN number: UN3108

UN proper shipping name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)

Transport hazard class(es): 5.2

Packing group: No data available

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA Status: The intentional ingredients of this product are listed.

Safety Data Sheet

Product Name: BPO Dispersion Red B-11

Product identifier: 100458

Revision Date: 08-18-2016

Replaces:

Regulated Components

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
Benzoyl Peroxide	94-36-0	N	N	Y	N

16. Other information, including date of preparation or last revision.

Revision Date: 08-18-2016

Revision Number: 9

Disclaimer: NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances