

S A F E T Y D A T A S H E E T

DP 88 EDGECOAT INSULATION, BLACK

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===== SECTION I – PRODUCT AND COMPANY IDENTIFICATION
=====

PRODUCT NAME: **EDGECOAT INSULATION, BLACK**
PRODUCT CODE: DP 88
PRODUCT ID: 34601

MANUFACTURERS' NAME: DESIGN POLYMERICS

ADDRESS: 3301 W. Segerstrom Ave.
 Santa Ana, CA 92704

EMERGENCY PHONE: (800) 255-3924
BUSINESS HOURS: 7:30am – 4:30pm PT
CONTRACT NUMBER: MIS0005056
REVISION DATE: 4/14/2015
INFORMATION PHONE: (714) 432-0600
REVISION #: 7.0
PREPARED BY: Technical Dept. Supersedes all previous

===== SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION
=====

Physical Hazard Classification: Flammable Aerosols, Category 1
DANGER



Physical Hazard Precautionary Statements:

Extremely flammable aerosol.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Protect from sunlight.
Do not expose to temperatures exceeding 50 °C/122°F.

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 5	Warning
Acute Toxicity - Dermal - Level 5	Warning
Skin Corrosion/Irritation -Level 3	Warning
Eye Damage/Irritation -Level 2A	Warning
Mutagenicity -Cell- Level 2	Warning
Carcinogenicity - Level 2	Warning
Toxic to Reproduction - Level 2	Warning



Health Hazard Statements:

May be harmful if swallowed.
May be harmful in contact with skin.
Causes mild skin irritation.
Causes serious eye irritation.
Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure>
Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure>
Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure>

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===== SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS =====

	CAS #	% Range		PEL	TLV
HYDROCARBON PROPELLANT	68476-86-8	10%	25%	NO DATA	NO DATA
ALIPHATIC HYDROCARBON*	110-54-3	10%	25%	500 PPM	50 PPM
AROMATIC HYDROCARBON*	108-88-3	10%	25%	TWA OF 100 PPM (375)	TWA OF 50 PPM (147 mg/m3)
ACETONE*	67-64-1	10%	25%	TWA 1000 PPM	TWA 750 PPM, STEL 1000 PPM
POLY (BUTADIENE-CO-STYRENE)	9003-55-8	10%	25%	NOT ESTABLISHED	NOT ESTABLISHED
INORGANIC METAL OXIDE	7631-86-9	5%	10%	80 mg/m3	10.00 mg/m3

Specific chemical identity and exact percentages are withheld as trade secret.

===== SECTION IV – FIRST AID MEASURES =====

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
Call a POISON CENTER/doctor/physician if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

GENERAL: This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

INHALATION: High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.

FIRST AID

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

PRECAUTIONS

SPECIAL PRECAUTIONS: Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

VENTILATION: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

===== SECTION V - FIRE-FIGHTING MEASURES =====

FIRE AND EXPLOSION HAZARDS: This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances

to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

EXTINGUISHING MEDIA: Dry Chemical. CO2. Halogenated Extinguishing Agent. Stop Gas Flow.

SPECIAL FIREFIGHTING PROCEDURES: Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself

out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating

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flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

FIRE FIGHTING: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

SECTION VI – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:

Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers cannot be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

SECTION VII – HANDLING AND STORAGE

Use personal protective equipment as required.

Store locked up.

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in

well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed areas thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

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SECTION IX - PRODUCT PROPERTIES

Flash Point (CCP): Level 3 Aerosol, Propellant: -132 degree F.

Boiling Point for Product: N/D

Vapor Pressure for Product: N/D

Vapor Density for Product: N/D

Specific Gravity: N/D

V.O.C.: N/D

Water Solubility: NIL

Appearance: AEROSOL SPRAY

PH: N/D

SECTION X – STABILITY AND REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 130 degree F.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION XI – TOXICOLOGICAL INFORMATION

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SECTION XII – ECOLOGICAL INFORMATION

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "*". Additional ecological information is Not Determined.

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

SECTION XIV – TRANSPORT INFORMATION

DOT Proper Shipping Name: UN1950

Aerosols, flammable, (each not exceeding 1Lcapacity) 2.1, LIMITED QUANTITY

SECTION XV –REGULATORY INFORMATION

	CAS#	PEL	TLV
HYDROCARBON PROPELLENT	68476-86-8	NO DATA	NO DATA
ALIPHATIC HYDROCARBON *	110-54-3	500 PPM	50 PPM
AROMATIC HYDROCARBON*	108-88-3	TWA OF 100PPM(375)	TWA OF 50 PPM (147 mg/m3)
ACETONE *	67-64-1	TWA 1000 PPM	TWA 750 PPM STEL 1000 PPM
POLY (BUTADIENE-CO-STYRENE)	9003-55-8	NOT ESTABLISHED	NOT ESTABLISHED
INORGANIC METAL OXIDE	7631-86-9	80.00 mg/m3	10.00 mg/m3

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

SECTION XVI –OTHER INFORMATION

MSDS Creation Date: June 29, 2015
MSDS Revision Date: June 29, 2015
MSDS Revision Notes: 16 section SDS
MSDS Author: Technical Department

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