

ISOTEC INTERNATIONAL, INC.

201 Longview Street

Canton, GA 30114

Certificate Of Analysis

Product: ISOCOAT HRN 5500 BLACK POL - PAIL NET 40#

Lot #: 210820785

BL #: 60677

PO #: SAMPLE 207348

Test/Property	QC Range	Result
GEL TIME IN CUP (SECONDS, 100	14 TO 16 SECONDS	14 SECONDS
TACK FREE	20 TO 24 SECONDS	23 SECONDS
VISCOSITY 60 RPM	400 TO 600 CP	500 CP
WEIGHT PER GALLON (LBS)	8.30 TO 8.60 LB/GALLON	8.46 LB/GALLON

We hereby certify the material detailed above has been produced, inspected, and found to be in compliance to Isotec's specifications.

Approved By:

Approval Date: 3/31/2021

Spec ID: STANDARD

Spec Revision Date: 7/22/2020 9:59:16 AM

SAFETY DATA SHEET

IsoCoat HRN 5500 Pol

Section 1: Product and Company Identification

Product name: IsoCoat HRN 5500 Pol

Manufacturer:

Isotec® International, Inc.
201 Longview Street
Canton, GA 30114
Customer Service: 800-234-6300

24 Hour Emergency Telephone Numbers:

Poison Control Center (Medical): (877) 800-5553
ChemTel: United States 800-255-3924 * International 1-813-248-0585

Section 2: Hazards Identification

GHS Classifications

Health:

Skin Corrosion, Category 1B
Skin Sensitization, Category 1
Serious Eye Damage, Category 1
Target Organ Toxicity (Repeated exposure), Category 2

GHS Label



Exclamation mark



Health



Corrosion

Signal Word: Danger.

Hazard Statements

H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H373: May cause damage to pancreas through prolonged or repeated exposure.

Precautionary Statements

Prevention:

P260: Do not breathe mist, vapors and spray.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves, protective clothing, eye protection and face protection.

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P363: Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER.

P314: Get medical advice if you feel unwell.

Section 3: Composition/Information on Ingredients

Component	% (weight)	Product Identifier
Polyoxypropylenediamine	20-30	CAS No. 9046-10-0
Diethylmethylbenzenediamine	6-12	CAS No. 68479-98-1
Hydroxy terminated poly(oxyalkylated) polyol	5-10	CAS No. 102-60-3
N,N'-dialkylaminodiphenylmethane	5-10	CAS No. 5285-60-9
UV Stabilizer	≤ 1	

Section 4: First Aid Measures

Eyes: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present. Obtain medical attention without delay.

Skin: Immediately flush skin with water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical attention without delay.

Ingestion: Do not induce vomiting. Give one or two glasses of water to drink. Never give anything by mouth to an unconscious person.

Inhalation: Move person to fresh air.

Section 5: Firefighting Measures

Extinguishing Media: Water fog, foam, dry chemical or carbon dioxide.

Fire Fighting Procedures: Use water spray to cool fire-exposed containers.

Fire Fighting Equipment: Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.

Section 6: Accidental Release Measures

Personal Protection: Wear protective equipment listed in Section 8.

Small Spill: Isolate the area and prevent entry of unnecessary and unprotected personnel. Do not walk through or otherwise scatter spilled product. Absorb with dry chemical absorbent, earth, sand or any other inert material. Place in a chemical waste container.

Large Spill: Same procedure as for a small spill. Prevent entry into waterways, sewers, basements or confined areas.

Section 7: Handling and Storage

Handling: Do not get in eyes, on skin or on clothing. Wash hands before eating, drinking or smoking. Keep container closed when not in use. Do not reseal if contaminated. Keep away from heat and flame.

Storage: Store in tightly closed containers in cool, dry and well-ventilated area away from heat or sources of ignition. Keep out of direct sunlight.

Storage Temperature: Minimum 12.8 - 15.5 °C (55 - 60 °F).

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Local exhaust ventilation used in combination with general ventilation as necessary to control air contaminants.

Eyes and Face: Wear a face shield and chemical safety glasses or goggles.

Skin: Wear impervious gloves. Cover exposed skin.

Respiratory: When product is applied as a spray, wear a NIOSH approved air-purifying respirator equipped with organic vapor cartridges.

Work Hygienic Practices: Avoid eating, drinking or smoking while using this material. Wash hands thoroughly after handling.

Section 9: Physical and Chemical Properties

Appearance	Liquid of various colors.
Odor	Mild.
Autoignition Temperature	Not established.
Freezing Point	Not established.
Boiling Point	Not established.
Flash Point (Closed Cup)	> 93.3°C (200°F)
Solubility in water	Partial.
Specific Gravity (water = 1)	1.05 at 25°C (77°F)
Viscosity (centipoise)	600 at 25°C (77°F)

Section 10: Stability and Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, amines, other undetermined aliphatic fragments.

Incompatible Materials: Strong acids, strong bases, and strong oxidizers.

Section 11: Toxicological Information

Acute:

Component	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)
Polyoxypropylenediamine	480 mg/kg	2090 mg/k
Diethylmethylbenzenediamine	738 mg/kg	> 2000 mg/kg
Hydroxy terminated poly(oxyalkylated) polyol	3280 m g/kg	> 2000 mg/kg
N,N'-dialkylaminodiphenylmethane	1380 mg/kg	3090 mg/kg

Carcinogenicity:

IARC: Not regulated as a carcinogen

NTP: Not regulated as a carcinogen.

OSHA: Not regulated as a carcinogen.

Section 12: Ecological Information

Ecotoxicological Information:

Diethylmethylbenzenediamine: EC₅₀ (Daphnia magna) 0.5 mg/l/48h

Section 13: Disposal Considerations

Disposal Method: Dispose in accordance with local, state, provincial or national regulations.

Empty Container: Decontaminate and pass to an approved drum recycler or destroy.

RCRA/EPA Waste Information: If discarded in its purchased form, this material is not a RCRA hazardous waste.

General Comments: The generation of waste should be avoided or minimized whenever possible. Chemical waste, even small quantities, should never be poured into drains, sewers or waterways.

Section 14: Transport Information

U.S. DOT: Not regulated.

ICAO/IATA: Not regulated.

IMO/IMDG: Not regulated.

Section 15: Regulatory Information

United States

SARA Title III (Superfund Amendments and Reauthorization Act)

311/312 Hazard Categories: Acute, Chronic.

313 Reportable Components: None.

CERCLA (Comprehensive Environmental Response and Liability Act) None.

TSCA (Toxic Substances Control Act): All components are in TSCA inventory.

RCRA Status: If discarded in its purchased form, this material is not a RCRA hazardous waste.

Section 16: Other Information

Date Issued: August 16, 2019

Revised: New

Manufacturer Disclaimer: The information in this SDS was obtained from sources that we believe are reliable. The information is provided without warranty, implied or expressed, concerning accuracy. The manufacturer assumes no legal responsibility for use or reliance on this information. This SDS is provided solely for the purpose of conveying health, safety, and environmental information. This SDS is not a specification data sheet. Some of the information and conclusions may be derived from sources other than test data on the material itself.

Abbreviations and Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
EC ₅₀	Median effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
LC ₅₀	Lethal concentration to 50% of exposed laboratory animals
LD ₅₀	Lethal dose to 50% of exposed laboratory animals
TWA	Time-weighted average
TLV	Threshold limit value
NIOSH	US National Institute of Occupational Safety and Health

NE	Not established
NTP	US National Toxicology Program
OEL	Occupational exposure limit
OSHA	US Occupational Safety Health Administration
PEL	Permissible exposure limit
RQ	Reportable quantity
STEL	Short term exposure limit
U.S. DOT	United States Department of Transportation