

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

TRADE NAME	530C-B ALIPHATIC URETHANE COATING-PT. B (Various Colors)	D2B
PRODUCT USE	Part B to be mixed with Part A. A colorant dispersion in a polyester vehicle – various colours.	
MANUFACTURE'S NAME	IMCO TECHNOLOGIES 6254 SKYWAY RD., PO BOX 915 SMITHVILLE, ON. L0R 2A0	TEL 1-888-818-4626 FAX 905-527-0606
EMERGENCY NUMBER	613-996-6666 or *666 CANUTEC 1-800-535-5053 UNITED STATES POISON INFORMATION CENTRE	
	IMCO TECHNOLOGIES 3909 Witmer RD, Suite 1014 NIAGARA FALLS, NY 14305	

2. HAZARDS IDENTIFICATION



GH507

GHS CLASSIFICATION: Flammability 3, Reactivity 5, Health 4

ROUTE OF ENTRY	Eye contact, Ingestion, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, and Skin
HEALTH EFFECTS – EYE	Moderate irritation expected.
HEALTH EFFECTS – SKIN	Moderate irritation expected.
HEALTH EFFECTS – INGESTION	May cause irritation to the mouth, esophagus and stomach.
HEALTH EFFECTS – INHALATION	Not applicable.

3.COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NUMBER	WEIGHT %	TWA ppm	LD50 ORAL RAT Mg/kg	LC50 INHAL RAT ppm
UNSATURATED POLYESTER RESIN	Proprietary	40 – 70	NA	NA	NA
TITANIUM DIOXIDE	13463-67-7	See below	NA	NA	NA
RED OXIDE	1332-37-2	See below	NA	NA	NA
CARBON BLACK	1333-86-4	See below	3.5	NA	NA
(Depends on Colour)		(30 – 60)			

4. FIRST AID MEASURES

FIRST AID – INHALATION	Not applicable.
FIRST AID – SKIN	Immediately flood the skin with large quantities of water. Remove contaminated clothing and shoes. Obtain medical attention.
FIRST AID – EYE	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.
FIRST AID – INGESTION	Consult a physician as to whether or not vomiting should be induced

INFORMATION FOR DOCTOR:

Most important symptoms and effects, both acute and delayed.

No further relevant information available.

Indications of any immediate medical attention and special treatment needed

No further relevant information available

5. FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY	Non-flammable. Will not support combustion.
EXTINGUISHING MEDIA	Carbon dioxide, dry chemical, foam, water spray.
SPECIAL HAZARDS OF PRODUCT	Cool container with water. At high temperatures, polymerization takes place and could explode a closed container. Vapours can form an explosive mixture in air.
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	Firefighters should wear positive pressure, self-contained breathing apparatus. Equipment should be decontaminated after use.
EXPLOSION DATA – SENSITIVITY TO IMPACT	N/A
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	N/A

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES	Remove all sources of ignition and flames. Increase ventilation in the spill area. Collect the liquid or absorb it with vermiculite (sand, earth) and collect the soaked absorbent. Wash the area with an aqueous solution of trisodium phosphate.
PERSONAL PRECAUTIONS	Wear chemical goggles, body-covering protective clothing, chemical resistant gloves and rubber boots.
ENVIRONMENTAL PRECAUTIONS	Prevent the material from entering drains or watercourses. Notify authorities if spill has entered watercourse or sewer.
REFERENCE TO OTHER SECTIONS:	
See Section 7 for information on safe handling See Section 8 for information on personal protection equipment See Section 13 for disposal information	

7. HANDLING AND STORAGE

HANDLING	Avoid prolonged or repeated skin-contact as well as inhalation of vapours or mist. Wear personal protective equipment and work with adequate ventilation.
STORAGE	Keep the material away from sparks, fire, open flames and heat. Store in a cool dry well-ventilated area away from sunlight.
INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRES	
Keep ignition sources away – Do Not Smoke Protect against electrostatic charges	
SPECIFIC END USE(S)	
No further relevant information available	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES	Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
RESPIRATORY PROTECTION	Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe Provincial regulations for respiratory use.
HAND PROTECTION	Full-length gloves should be worn during all handling operations. Neoprene gloves.
EYE PROTECTION	Chemical goggles should be worn during all handling operations to protect against splashing.
BODY PROTECTION	Discard contaminated protective equipment. If there is danger of splashing, wear overall or apron.
PROTECTION DURING APPLICATION	During application, adequate ventilation must be provided. Mix in a well-ventilated area. If ventilation is poor, wear respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
ODOUR & APPEARANCE	Thick paste, faint pleasant odour.
ODOR THRESHOLD (ppm)	NA
SPECIFIC GRAVITY	1.40 – 2.00 (depends on colour)
VAPOR DENSITY (AIR = 1)	NA
VAPOR PRESSURE 20 C	NA
EVAPORATION RATE	NA
BOILING POINT (°C)	Decomposes without boiling.
FREEZING POINT (°C)	NA
pH	NA
COEFFICIENT OF WATER/OIL DISTRIBUTION	NA
SOLUBILITY IN WATER	Negligible
VOC (g/l)	0
FLASH POINT (PMCC) (°C/F)	>110C/230F
UPPER FLAMMABLE LIMIT %VOL	NA
LOWER FLAMMABLE LIMIT %VOL	NA
AUTOIGNITION TEMP (°C/F)	NA

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	Heat above 65C/149F
MATERIALS TO AVOID	Not available
HAZARDOUS POLYMERIZATION	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Combustion produces toxic fumes.

11. TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE	Moderate irritation to the eyes and skin is expected.
EFFECTS OF CHRONIC EXPOSURE	May cause dermatitis and irritation on repeated contact.
EXPOSURE LIMITS	NA
IRRITANCY	Moderate irritation expected
SENSITIZATION	NA
CARCINOGENICITY	Not listed as a carcinogen by IARC, NTP or OSHA.
REPRODUCTIVE TOXICITY	NA
TERATOGENICITY	NA
MUTAGENICITY	NA
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	NA

12. ECOLOGICAL INFORMATION

MOBILITY	Most of the product is poorly absorbed onto soils or sediments. Some of the product will leach into soil.
PERSISTENCE/DEGRADABILITY	No data available.
BIO-ACCUMULATION	Product may bioaccumulate to a limited extent.
ECOTOXICITY	No data available.

RESULTS of PBT and vPvB Assessment

PBT: N/A
vPvB: N/A

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL	Absorb product on an inert material (sand or earth) and transfer absorbed product into a waste container. Dispose of in accordance with all applicable local and national regulations.
CONTAINER DISPOSAL	Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Dispose of containers with care.

UNCLEANED PACKAGINGS

Recommendation: Disposal must be made according to official regulations

14. TRANSPORTATION INFORMATION

CANADA	TDG CLASSIFICATION
HAZARD LABEL NOT REQUIRED	Not Regulated.
EXPORT	
DOT CFR 172.101 DATA	Not Regulated by D.O.T.
UN PROPER SHIPPING NAME	NA
UN CLASS	NA
UN NUMBER	NA
UN PACKAGING GROUP	NA
FLASH POINT	NA
HAZARDOUS MATERIAL	NA
HAZARD LABEL	NA
MARINE POLLUTANT	NO
SPECIAL PRECAUTIONS FOR USER	N/A


15. REGULATORY INFORMATION

WHMIS CLASSIFICATION: CLASS D, DIV.2, SUBDIVISION B-Material causing other toxic effects.

CEPA STATUS (DSL) : All of the ingredients of this product are listed on the Domestic Substances List.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.

16. OTHER INFORMATION

<table border="1"> <tr><td>HEALTH</td><td>1</td></tr> <tr><td>FLAMMABILITY</td><td>2</td></tr> <tr><td>REACTIVITY</td><td>0</td></tr> <tr><td>PERSONAL PROTECTION</td><td><input type="checkbox"/></td></tr> </table>	HEALTH	1	FLAMMABILITY	2	REACTIVITY	0	PERSONAL PROTECTION	<input type="checkbox"/>	HMIS hazard ID: 0-MINIMAL; 1-SLIGHT; 2-MODERATE; 3-SERIOUS; 4-SEVERE		NFPA hazard ID: 0-MINIMAL; 1-SLIGHT; 2-MODERATE; 3-SERIOUS; 4-SEVERE
HEALTH	1										
FLAMMABILITY	2										
REACTIVITY	0										
PERSONAL PROTECTION	<input type="checkbox"/>										
KEY	NA: No applicable information found or available CAS#: Chemical Abstracts Service Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration TLV: Threshold Limit Value PEL: Permissible Exposure Limit STEL: Short Term Exposure Limit NTP: National Toxicology Program IARC: International Agency for Research on Cancer R: Risk S: Safety LD50: Lethal Dose 50% LC50: Lethal Concentration 50%										
PREPARED BY:	IMCO® Technologies Inc.										

SDS REVISION DATE**November 30, 2022**

Provided data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, however, each user should review these recommendations.