

WIT MATERIAL SAFETY DATA SHEET

CREATION DATE: JUNE 26, 1990
REVISION DATE: JANUARY 26, 2010

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SECTION 01: WIT CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DORUS PL 7090 formerly BONDMASTER™ 40-7090
IDH NUMBER: 1218409
DURO DYNE PRODUCT NUMBER AND NAME: #5052 WIT-1, #5057 WIT-5, #5058 WIT-43

MANUFACTURER:

Henkel Canada Corporation (Formerly Nacan Products Limited)
2225 Meadowpine Boulevard
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SECTION 02: WIT HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Physical state: Liquid **WHMIS hazard class: Not Controlled**
Color: White
Odor: Slight
None: Not classified as hazardous.

Relevant routes of exposure: Skin, Eyes, Inhalation

Potential Health Effects

INHALATION: Inhalation of vapours or mists of the product may be irritating to the respiratory system.
SKIN CONTACT: Prolonged and/or repeated skin contact may result in mild irritation or redness.
EYE CONTACT: May cause slight irritation to eyes on contact.
INGESTION: May cause gastrointestinal tract irritation if swallowed. Not expected under normal conditions of use.

Existing conditions aggravated by exposure: None known.

See Section 11 for additional toxicological information.

SECTION 03: WIT COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	%
None	None	None

SECTION 04: WIT FIRST-AID MEASURES

INHALATION: Move to fresh air. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

SKIN CONTACT: Wash skin with soap and water. If symptoms develop and persist, get medical attention.

EYE CONTACT: If irritation develops, flush eyes immediately with large amounts of water. If irritation persists, seek medical attention or advice.

INGESTION: Rinse out mouth, drink 1-2 glasses of water, **DO NOT** induce vomiting. If symptoms develop and persist, get medical attention. Never give anything by mouth to an unconscious person.

SECTION 05: WIT FIREFIGHTING MEASURES
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FLASH POINT: > 100.00 °C (>212°F) Closed cup

AUTOIGNITION TEMPERATURE: Not applicable

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: Not applicable

FLAMMABLE/EXPLOSIVE LIMITS - UPPER: Not applicable

EXTINGUISHING MEDIA: Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray or fog. Foam, Carbon dioxide. Dry chemical.

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

UNUSUAL FIRE OR EXPLOSION HAZARDS: This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

HAZARDOUS COMBUSTION PRODUCTS: Upon decomposition, this product emits Carbon monoxide, Carbon dioxide, and/or low molecular weight hydrocarbons.

SENSITIVITY TO MECHANICAL IMPACT: Not available.

SENSITIVITY TO STATIC DISCHARGE: None necessary.

SECTION 06: WIT ACCIDENTAL RELEASE MEASURES
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Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

ENVIRONMENTAL PRECAUTIONS: No special environmental precautions required. Do not allow material to contaminate ground water system.

CLEAN-UP METHODS: Take up with liquid-absorbing material (sand). Wash spillage site thoroughly with soap and water or detergent solution. Dispose of according to Federal, State and local governmental regulations.

SECTION 07: WIT HANDLING AND STORAGE

HANDLING: Avoid extreme temperatures. **Protect from freezing.** This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors. Do not wear contact lenses.

STORAGE: For safe storage, store between 5.0 °C (41°F) and 40.0 °C (104°F)
Below temperature limit the product properties will change. Keep container closed. Keep from freezing. Keep in a cool place.

For safe storage, store between 1 °C (33.8°F) and 37 °C (98.6°F)

Below temperature limit the product will be irreversibly damaged and no longer usable. Above temperature limit the product properties change.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

SECTION 08: WIT EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. General room ventilation is usually adequate.

RESPIRATORY PROTECTION: Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of vapour/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.

EYE/FACE PROTECTION: Wear safety glasses with side shields. Do not wear contact lenses.

SKIN PROTECTION: Use of protective coveralls and long sleeves is recommended.

SECTION 09: WIT PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOUR: White

ODOUR: Slight

ODOR THRESHOLD: Not available

pH: 4.0 – 6.0

VAPOR PRESSURE: Not available

BOILING POINT/RANGE: Not available

MELTING POINT/RANGE: 0.0 °C (32°F) (Freezing point)

SPECIFIC GRAVITY: 1.1800

VAPOR DENSITY: >1.0000 (Air = 1)

FLASH POINT: >100.00 °C (>212°F) Closed cup

FLAMMABLE/EXPLOSIVE LIMITS – LOWER: Not applicable

FLAMMABLE/EXPLOSIVE LIMITS – UPPER: Not applicable

AUTOIGNITION TEMPERATURE: Not applicable

EVAPORATION RATE: 1.00 Same as water

SOLUBILITY IN WATER: Miscible

PARTITION COEFFICIENT (N-OCTANOL/WATER): Not available

VOC CONTENT: < 3.0% (by weight)

SECTION 10: WIT STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS REACTIONS: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

INCOMPATIBLE MATERIALS: This product may react with strong oxidizing agents.

CONDITIONS TO AVOID: Freezing. Product may be unstable if frozen.

SECTION 11: WIT TOXICOLOGICAL INFORMATION
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TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not available

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

HAZARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)	ACGIH CARCINOGEN
None	None	None	None	None

HAZARDOUS COMPONENTS	LD50s and LC50s	HEALTH EFFECTS/ TARGET ORGANS
None	None	None

SECTION 12: WIT ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No data available

SECTION 13: WIT DISPOSAL CONSIDERATIONS
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Information provided is for unused product only.

RECOMMENDED METHOD OF DISPOSAL: Follow all local, state, federal and provincial regulations for disposal. This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options.

SECTION 14: WIT TRANSPORTATION INFORMATION

CANADA TRANSPORTATION OF DANGEROUS GOODS – GROUND

Proper Shipping Name: Not regulated. Hazard class or division: None. Identification number: None.

Packing group: None.

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

Proper Shipping Name: Not regulated. Hazard class or division: None. Identification number: None.

Packing group: None.

WATER TRANSPORTATION (IMO/IMDG)

Proper Shipping Name: Not regulated. Hazard class or division: None. Identification number: None.

Packing group: None.

SECTION 15: WIT REGULATORY INFORMATION

CANADA REGULATORY INFORMATION

CEPA DSL/NDSL STATUS: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

UNITED STATES REGULATORY INFORMATION

TSCA 8 (b) INVENTORY STATUS: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

SECTION 16: WIT OTHER INFORMATION
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This material safety data sheet contains changes from the previous version in sections: 01 to 16

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

RECOMMENDED USE	Woodworking Adhesive
MSDS ISSUE DATE	January 26, 2010
SECTIONS MODIFIED SINCE PREVIOUS ISSUE	01 to 16
PREPARED BY	L. Evans, Regulatory Affairs

WIT ADDITIONAL INFORMATION

**** The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. ****

WIT TECHNICAL CONTACT

FOR INFORMATION CONTACT:

M.S.D.S. Co-Ordinator

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