

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
Date of first issue: 08/17/2020

SECTION 1. IDENTIFICATION

Product name : MasterTop TC 493 clear PART A
Product code : 000000000055515527 000000000055515527

Manufacturer or supplier's details

Company name of supplier : Master Builders-Admixtures US,LLC
Address : 23700 CHAGRIN BLVD
Beachwood OH 44122
Emergency telephone : ChemTel: +1-813-248-0585 USA: +1-800-255-3924 Contract
Number MIS9240420

Recommended use of the chemical and restrictions on use

Recommended use : Product for construction chemicals
Restrictions on use : Reserved for industrial and professional use.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with 29 CFR 1910.1200**

FLAMMABLE LIQUIDS : 3

Skin sensitization : 1A

Reproductive toxicity : 1B

Specific target organ toxicity : 3
- single exposure

Short-term (acute) aquatic : 3
hazard

Long-term (chronic) aquatic : 3
hazard

narcotic effect

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H360D May damage the unborn child.
H402 Harmful to aquatic life.

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
 Date of first issue: 08/17/2020

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements :

Prevention:

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P271 Use only outdoors or in a well-ventilated area.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P201 Obtain special instructions before use.

P243 Take action to prevent static discharges.

P202 Do not handle until all safety precautions have been read and understood.

P241 Use explosion-proof [electrical/ ventilating/ lighting/ .?] equipment.

P272 Contaminated work clothing should not be allowed out of the workplace.

P240 Ground and bond container and receiving equipment.

P242 Use only non-sparking tools.

Response:

P308 + P311 IF exposed or concerned: Call a POISON CENTER/ doctor.

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

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

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.

Storage:

P233 Keep container tightly closed.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

Other hazards

No data available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : No data available.

Components

Chemical name	CAS-No.	Concentration (% w/w)
n-Butyl acetate	123-86-4	>= 10 - < 15
bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	41556-26-7	>= 0.3 - < 1

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
 Date of first issue: 08/17/2020

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	82919-37-7	>= 0 - < 0.2
2-methoxypropyl acetate	70657-70-4	>= 0 - < 0.2

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
 Show this material safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
 If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : If on skin, rinse well with water.
 If on clothes, remove clothes.
- In case of eye contact : Flush eyes with water as a precaution.
 Remove contact lenses.
 Protect unharmed eye.
 Keep eye wide open while rinsing.
 If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
 Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : May cause an allergic skin reaction.
 May cause drowsiness or dizziness.
 May damage the unborn child.
- Notes to physician : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Water spray
 Foam
 Dry powder
 Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
 Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
 For safety reasons in case of fire, cans should be stored separately in closed containments.
 Use a water spray to cool fully closed containers.
- Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).
Keep away from open flames, hot surfaces and sources of ignition.
- Advice on safe handling : Avoid formation of aerosol.
Do not breathe vapors/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
- Conditions for safe storage : no smoking
Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Electrical installations / working materials must comply with the technological safety standards.
- Further information on storage conditions : Keep container tightly closed and in a well-ventilated place.
Keep away from heat.
Avoid all sources of ignition: heat, sparks, open flame.
- Materials to avoid : Segregate from foods and animal feeds.

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
 Date of first issue: 08/17/2020

Further information on storage stability : No data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
n-Butyl acetate	123-86-4	STEL value	150 ppm	ACGIHTLV
		TWA value	50 ppm	ACGIHTLV
		REL value	150 ppm 710 mg/m3	NIOSH
		STEL value	200 ppm 950 mg/m3	NIOSH
		PEL	150 ppm 710 mg/m3	29 CFR 1910.1000 (Table Z-1)
		STEL value	200 ppm 950 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA value	150 ppm 710 mg/m3	29 CFR 1910.1000 (Table Z-1-A)
		TWA	150 ppm 710 mg/m3	NIOSH REL
		ST	200 ppm 950 mg/m3	NIOSH REL
		TWA	150 ppm 710 mg/m3	OSHA Z-1
		TWA	150 ppm 710 mg/m3	OSHA P0
		STEL	200 ppm 950 mg/m3	OSHA P0
		TWA	50 ppm	ACGIH
		STEL	150 ppm	ACGIH

Engineering measures : No applicable information available.

Personal protective equipment

Respiratory protection : Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Avoid inhalation of dusts/mists/vapours.
Avoid contact with the skin, eyes and clothing.
Avoid prolonged and/or repeated contact with the skin.

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

Hygiene measures : Handle in accordance with good building materials hygiene and safety practice.
: Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Color : No applicable information available.

Odor : product specific

Odor Threshold : No data available

pH : neutral to slightly alkaline

Melting point : No applicable information available.

Boiling point : > 212 °F / > 100 °C
not applicable (for a component of this mixture)

Flash point : 100 °F / 38 °C
Method: Flash Point by Tag Closed Tester.

Evaporation rate : No applicable information available.

Flammability (solid, gas) : not determined

Upper explosion limit / Upper flammability limit : No applicable information available.

Lower explosion limit / Lower flammability limit : No applicable information available.

Vapor pressure : No data available

Relative vapor density : No applicable information available.

Relative density : No applicable information available.

Density : 8.83 lb/USg (68 °F / 20 °C)

Bulk density : not applicable

Solubility(ies)
Water solubility : No data available
Solubility in other solvents : No applicable information available.

Partition coefficient: n-octanol/water : No applicable information available.

Autoignition temperature : No data available

Decomposition temperature : Vapors may form explosive mixture with air.

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

No decomposition if stored and handled as prescribed/indicated.

Viscosity

Viscosity, dynamic : No applicable information available.

Viscosity, kinematic : No applicable information available.

Explosive properties : Not explosive
Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

Sublimation point : No applicable information available.

Molecular weight : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.
Vapors may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified based on available information.

Product:

Acute oral toxicity : Remarks: No applicable information available.

Acute inhalation toxicity : Remarks: No applicable information available.

Acute dermal toxicity : Remarks: No applicable information available.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks : May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Not classified based on available information.

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
Date of first issue: 08/17/2020

Product:

Remarks : Vapors may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Product:

Remarks : Causes sensitization.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

May damage the unborn child.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No aspiration hazard expected.

Further information**Product:**

Remarks : Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Concentrations substantially above the TLV value may cause narcotic effects.
Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

Bioaccumulative potential**Components:****n-Butyl acetate:**

Partition coefficient: n-octanol/water : Pow: 200 (77 °F / 25 °C)
log Pow: 2.3 (77 °F / 25 °C)
pH: 7
Method: Partition coefficient (n-octanol/water), HPLC method.
GLP: yes

bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate:

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

Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate:

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

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life.
Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of in accordance with national, state and local regulations.
Do not discharge into drains/surface waters/groundwater.

Contaminated packaging : Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

UN number : UN 1993
Proper shipping name : FLAMMABLE LIQUID, N.O.S.
(METHOXYPROPYLACETATE)
Class : 3
Packing group : III
Labels : 3

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

IATA-DGR

UN/ID No. : UN 1993
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.
 (METHOXYPROPYLACETATE)
 Class : 3
 Packing group : III
 Labels : Flammable Liquids
 Packing instruction (cargo aircraft) : 366
 Packing instruction (passenger aircraft) : 355

IMDG-Code

UN number : UN 1993
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.
 (METHOXYPROPYLACETATE)
 Class : 3
 Packing group : III
 Labels : 3
 EmS Code : F-E, S-E
 Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation**49 CFR**

UN/ID/NA number : UN 1993
 Proper shipping name : FLAMMABLE LIQUID, N.O.S.
 (METHOXYPROPYLACETATE)
 Class : 3
 Packing group : III
 Labels : FLAMMABLE LIQUID
 ERG Code : 128
 Marine pollutant : no

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION**US State Regulations****Pennsylvania Right To Know**

n-Butyl acetate 123-86-4

New Jersey Right To Know

n-Butyl acetate 123-86-4

California Prop. 65

MasterTop TC 493 clear PART A

Version 1.0 Revision Date: 08/17/2020 SDS Number: 000000261534 Date of last issue: -
 Date of first issue: 08/17/2020

WARNING: This product can expose you to chemicals including benzene, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

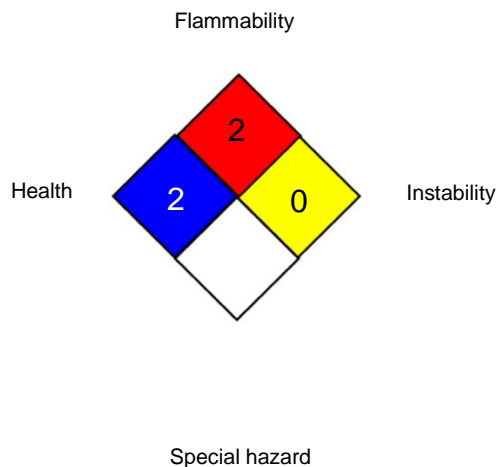
The ingredients of this product are reported in the following inventories:

TSCA : On the inventory, or in compliance with the inventory

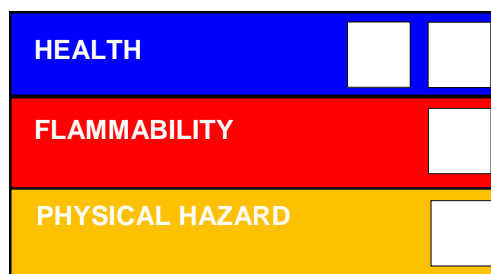
SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

- 29 CFR 1910.1000 (Table Z-1-A) : OSHA - Table Z-1-A (29 CFR 1910.1000)
- 29 CFR 1910.1000 (Table Z-1) : OSHA - Table Z-1 (Limits for Air Contaminants) 29 CFR 1910.1000
- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- ACGIHTLV : American Conference of Governmental Industrial Hygienists - threshold limit values (US)
- NIOSH : NIOSH Pocket Guide to Chemical Hazards (US)
- NIOSH REL : USA. NIOSH Recommended Exposure Limits
- OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
- OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
- 29 CFR 1910.1000 (Table Z-1-A) / STEL value : Short Term Exposure Limit (STEL):
- 29 CFR 1910.1000 (Table Z-1-A) / TWA value : Time Weighted Average (TWA):
- 29 CFR 1910.1000 (Table Z-1) / PEL : Permissible exposure limit
- ACGIH / TWA : 8-hour, time-weighted average
- ACGIH / STEL : Short-term exposure limit

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

ACGIHTLV / STEL value	:	Short Term Exposure Limit (STEL):
ACGIHTLV / TWA value	:	Time Weighted Average (TWA):
NIOSH / REL value	:	Recommended exposure limit (REL):
NIOSH / STEL value	:	Short Term Exposure Limit (STEL):
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST	:	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / TWA	:	8-hour time weighted average

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 08/17/2020

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of

MasterTop TC 493 clear PART A

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08/17/2020	000000261534	Date of first issue: 08/17/2020

our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

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