

MATERIAL SAFETY DATA SHEET
PAGE 1
SECTION I

MANUFACTURER' S NAME: Moreau Marketing & Sales
485 Glenn Link Road Lexington NC 27295
EMERGENCY TELEPHONE NUMBER: 336-764-5232 Fax: 336-764-0941
TRADE NAME: Nickel Graphite Filled Silicone Series 020
CHEMICAL NAME: Same

CHEMICAL FAMILY: POLY-SILOXANE
DATE PREPARED: 05/14/07
MSDS COORDINATOR: Robert Moreau

SECTION II
HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | CAS# | TLV | PEL | % |
|--|------------|-----------|-----------|-------|
| SILICA, AMORPHOUS | 7631-86-9 | 10 MC/M3 | 15 MG/M3 | 4.030 |
| SILICA, QUARTZ | 14808-60-7 | 0.1 MG/M3 | 0.1 MG/M3 | 3.879 |
| DIMETHYL, METHYL HYDROGEN SILOXANE COPOLYMER | 68037-59-2 | NOT DET. | NOT DET. | 1.750 |
| POLYDIMETHYL, METHYL VINYL SILOXANE DIMEVI TERMINATED | 68083181 | NOT DET. | NOT DET. | 5.358 |
| NICKEL GRAPHITE POWDER | | 10mg/m3 | .01mg/m3 | 23.2 |

THE ABOVE INFORMATION IS DEEMED RELIABLE AS FAR AS OUR SUPPLIERS POSITION ON REPORTING CONCENTRATIONS OF HAZARDOUS COMPONENTS IN THE MATERIALS THEY SUPPLY. THIS DATA IS OFFERED IN GOOD FAITH AND IS NOT INTENDED TO BE USED FOR PRODUCT SPECIFICATIONS.

SECTION III
PHYSICAL AND CHEMICAL CHARACTERISTICS

| | |
|---------------------|-----------------|
| BOILING POINT | N/A |
| VAPOR DENSITY | N/A |
| MELTING POINT | N/A |
| APPEARANCE AND ODOR | GUM-LITTLE ODOR |
| SPECIFIC GRAVITY | 2.03 |
| VAPOR PRESSURE | N/A |
| SOLUBILITY IN WATER | NILL |
| EVAPORATION POINT | NONE |

SECTION IV
FIRE AND EXPLOSION DATA

FLASH POINT : CLOSED CUP ABOVE 200 DEF.F. (93 DEG.C.)
FLAMMABLE LIMITS : NOT DETERMINED
EXTINGUISHING MEDIA WATER, WATER-FOG, CO2, DRY CHEMICAL, OR FOAM SPECIAL FIRE FIGHTING PROCEDURES SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIRES INVOLVING THESE CHEMICALS.
UNUSUAL FIRE AND EXPLOSION HAZARDS : NONE KNOWN.

SECTION V
REACTIVITY DATA

STABILITY : STABLE

INCOMPATIBILITY : KEEP AWAY FROM STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS : SILICONE DIOXIDE, CARBON DIOXIDE AND
TRACE AMOUNTS OF INCOMPLETELY BURNED CARBON PRODUCTS.

HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

SECTION VI
HEALTH HAZARD DATA

ROUTE OF ENTRY

EYE : MAY CAUSE TEMPORARY EYE DISCOMFORT
SKIN : PROLONGED EXPOSURE SHOULD BE AVOIDED

ORAL : AMOUNTS TRANSFERED TO THE MOUTH BY
FINGERS, ETC., DURING NORMAL
OPERATIONS SHOULD NOT CAUSE INJURY.

HEALTH HAZARDS : NO KNOWN ADVERSE CHRONIC HEALTH
EFFECTS, BUT UNNECESSARY EXPOSURE TO
ANY CHEMICAL SHOULD BE AVOIDED.

CARCINOGENICITY

CAUTIONS : THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE
HANDLING, USE AT ELEVATED TEMPERATURES, OR
AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE
ADDED PRECAUTIONS.

- GOOD PRACTICE REQUIRES THAT CROSS AMOUNTS
OF ANY CHEMICAL BE REMOVED FROM SKIN AS
SOON AS PRACTICAL, ESPECIALLY BEFORE
EATING OR SMOKING.
- THIS PRODUCT, AS WITH ANY CHEMICAL, MAY
AGGREGATE ALLERGIC CONDITIONS ON CERTAIN
PEOPLE.

SECTION VII
PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE OF
RELEASED OR SPILLED MATERIAL : REMOVE MATERIAL AND USE ABSORBANT TO PICK UP
OIL-LIKE RESIDUES.

WASTE DISPOSAL METHOD : FOLLOW ALL LOCAL AND FEDERAL REGULATIONS CONCERNING
WASTE HANDLING.

PROTECTIVE EQUIPMENT : EYES USE SAFETY GLASSES.

INHALATION : PROCESSING FUMES SHOULD BE REMOVED THROUGH FORCED
VENTILATION FROM WORKING AREA.

SKIN : USE PLASTIC GLOVES WHEN POSSIBLE. WASH HANDS
WITH SOAP AND WATER AT MEAL TIME AND END OF SHIFT.

SECTION VIII
CONTROL MEASURES NJ

VENTILATION : USE MECHANICAL VENTILATION DURING MOLDING AND POSTCURING.
POSTCURING IN A CLOSED OVEN MAY LIBERATE EXPLOSIVE CONCENTRATIONS OF GAS. USE
PROPERLY DESIGNED EQUIPMENT.

SECTION IX
SPECIAL PRECAUTIONS

UNDER NORMAL PROCESSING CONDITIONS, CRYSTALLINE SILICA IS CONSIDERED TO BE SAFE THROUGH ENCAPSULATION. AVOID PROCESSING CONDITIONS THAT RELEASE SMALL PARTICLES OF MATERIALS (10 MICROMETERS OR LESS). IF NECESSARY, USE NIOSHA/MSHA APPROVED RESPIRATORY EQUIPMENT.

PRODUCT MAY FORM FORMALDEHYDE VAPORS AT TEMPERATURES ABOVE 300F (150C) IN THE PRESENCE OF AIR. FORMALHYDE IS A POTENTIAL CANCER HAZARD AND A KNOWN SKIN AND RESPIRATORY SENSITIZER. VAPORS IRRITATE EYES, NOSE, AND THROAT. SAFE HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING VAPOR CONCENTRATIONS WITHIN OSHA PERMISSIBLE EXPOSURE LIMITS FOR FORMALDEHYDE.

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

SECTION X
PREVAILING INGREDIENTS

| INGREDIENT | CAS# | TLV | PEL | % |
|---|------------|-----------|-----------|-------|
| SILICA, AMORPHOUS | 7631-86-9 | 10 MC/M3 | 15 MG/M3 | 4.030 |
| SILICA, QUARTZ | 14808-60-7 | 0.1 MG/M3 | 0.1 MG/M3 | 3.879 |
| DIMETHYL, METHYL HYDROXY-TERMINATED | 68037-59-2 | NOT DET. | NOT DET. | 3.233 |
| POLYDIMETHYL, METHYL VINYL SILOXANE DIMEVI TERMINATED | 68083181 | NOT DET. | NOT DET. | 3.233 |
| NICKEL GRAPHITE POWDER | | 10mg/m3 | .01mg/m3 | 23.2 |

THE ABOVE INFORMATION IS DEEMED RELIABLE AS FAR AS OUR SUPPLIERS POSITION ON REPORTING CONCENTRATIONS OF COMPONENTS IN THE MATERIALS THEY SUPPLY. THIS DATA IS OFFERED IN GOOD FAITH AND IS NOT INTENDED TO BE USED FOR PRODUCT SPECIFICATIONS.