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MATERIAL SAFETY DATA SHEET

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Tradename:
 IMPRINT II IMPRESSION MATERIAL 9371/9371J

3M Product ID:
 70-2010-1389-6, 70-2010-1390-4

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name and classification	CAS number	Percentage
QUARTZ SILICA	14808-60-7	50 - 60
Regulatory Lists: IARC(Group 1) IARC (Group 1) - Category: SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE) NTPCARCIN (Known human carcinogen) NTPCARCIN (Known human carcinogen) - Category: SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)		
EU Hazard Symbols and Risk Phrases: EU - Vendor Classified (Xn; R:48/20)		
METHYLVINYLPOLYSILOXANE	---	25 - 35
CROSSLINKER	---	5 - 15
FILLER	67762-90-7	5 - 15
TRIPOLI	1317-95-9	Less Than 1
Regulatory Lists: IARC(Group 1) - Category: SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE) NTPCARCIN(Known human carcinogen) - Category: SILICA, CRYSTALLINE (AIRBORNE PARTICLES OF RESPIRABLE SIZE)		
EU Hazard Symbols and Risk Phrases: EU - Vendor Classified (Xn; R:48/20)		
BLUE PIGMENT	1345-16-0	Less Than 1
Regulatory Lists: IARC Category: COBALT COMPOUNDS		
COBALT	7440-48-4	Less Than 1
Regulatory Lists: IARC(Group 2B) IARC(Group 2B) - Category: COBALT COMPOUNDS		
EU Hazard Symbols and Risk Phrases: EU - Adaptation 28 (Xn, Xi; R:42-43-53)		
ETHYL ALCOHOL	64-17-5	Less Than 1
Regulatory Lists: IARC(Group 1)		

EU Hazard Symbols and Risk Phrases: EU - Adaptation 21 (F;
R:11)
EINECS No: 2005786

3 HAZARDS IDENTIFICATION

Critical hazards:
None.

4 FIRST-AID MEASURES

Eye Contact:
Immediately flush eyes with large amounts of water. Get immediate medical attention.

Skin Contact:
Flush skin with large amounts of water. If irritation persists, get immediate medical attention.

Inhalation:
If signs or symptoms occur, remove person to fresh air. If signs/symptoms continue, call a medical doctor.

Ingestion:
Do not induce vomiting. Drink two glasses of water. Call a medical doctor.

5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:
Water spray, Carbon dioxide, Dry chemical Foam. Alcohol-type foam.

Hazardous Decomposition:
Carbon Monoxide and Carbon Dioxide.

Fire-Fighting Procedures:
Not applicable

Special Instructions:
Not applicable.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:
Observe precautions from other sections.

Methods for Cleaning up:
Ventilate the area with fresh air. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and health and safety data sheet. Place in a closed container approved for

transportation by appropriate authorities.

7 HANDLING AND STORAGE

Precautions for Safe Storage:

Store in a cool place. Avoid contact with water to prevent potentially violent reaction or fire.

Explosion Prevention:

Combustible liquid and vapour.

Precautions for Safe Handling:

Keep container tightly closed. For industrial or professional use only. Please see package insert for additional precautionary warnings.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection:

Avoid eye contact. Safety glasses with side shields.

Hand Protection:

Wear appropriate gloves when handling this material.

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion:

Do not ingest.

Recommended Ventilation:

Use in a well-ventilated area.

Exposure Limits:

QUARTZ SILICA (14808-60-7)

HSE WEL TWA: 0.4 mg/m³ respirable dust MEL

TRIPOLI (1317-95-9)

HSE WEL TWA: 0.4 mg/m³ respirable dust MEL

BLUE PIGMENT (1345-16-0)

HSE WEL TWA: 0.1 mg/m³ as Co MEL

COBALT (7440-48-4)

HSE WEL TWA: 0.1 mg/m³ as Co MEL

ETHYL ALCOHOL (64-17-5)

HSE WEL TWA: 1000 ppm; 1920 mg/m³

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:

Blue odourless thick paste.

pH:

Not determined

Boiling point/boiling range:

Not applicable

Melting point/melting range:	Not determined
Flash point:	Not applicable
Autoflammability:	Not determined
Vapour pressure:	< 27 psia
Water Solubility:	Nil
Specific gravity:	1.5 g/cc ISO
Vapour density:	Not applicable
Volatile organic compounds:	Not determined
Evaporation rate:	Not applicable
Viscosity:	Not determined
Percent Volatile:	Not determined.

10 STABILITY AND REACTIVITY

Materials to Avoid:
None known.

Stability and Reactivity:
Stable. Hazardous polymerisation will not occur.

11 TOXICOLOGICAL INFORMATION

Effects from Eye Contact:
Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:
Mild Skin Irritation (after prolonged or repeated contact):
signs/symptoms can include redness, swelling, and itching.

Effects from Inhalation:
No adverse health effects are expected.

Effects from Ingestion:
No health effects are expected.

Carcinogenicity:
Note: This product contains ethanol. In IARC published Monograph No. 44, entitled, 'Alcohol Drinking', the carcinogenicity of ethanol was determined based on chronic exposure to ethanol through human consumption of alcoholic beverages. This is not an expected effect during the foreseeable use of this product.

12 ECOLOGICAL INFORMATION

Other Effects and Information:

Not determined. Since regulations vary, consult applicable regulations or authorities before disposal.

13 DISPOSAL CONSIDERATIONS

Special Instructions:

Incinerate large quantities in an industrial or commercial incinerator. Disposal alternative: Dispose of waste product in a landfill/waste disposal site. Since regulations vary, consult applicable regulations or authorities before disposal.

14 TRANSPORT INFORMATION

UN NUMBER:

UN number: Not restricted for transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

15 REGULATORY INFORMATION

Disclosable Ingredients:

No ingredients required on label

Symbol(s):

None

Risk Phrases:

None.

Safety Phrases:

Do not breathe dust. Use only in well ventilated areas. Avoid contact with the skin and eyes. In case of contact with eyes,

rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water.

16 OTHER INFORMATION

Regulatory Information:

The following UK Regulations as amended may affect the product as supplied: The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended. Carriage of Dangerous Goods by Road regulations, 1996, as amended. The Control of Substances Hazardous to Health Regulations 1999 as amended. The Special Waste Regulations 1996, as amended. The Environmental Protection Act, 1990 The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.
Updated sections 9,15.

Intended Use of Product:
Impressioning material.

The information on this Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.